A NEW COSMOGONIC MODEL

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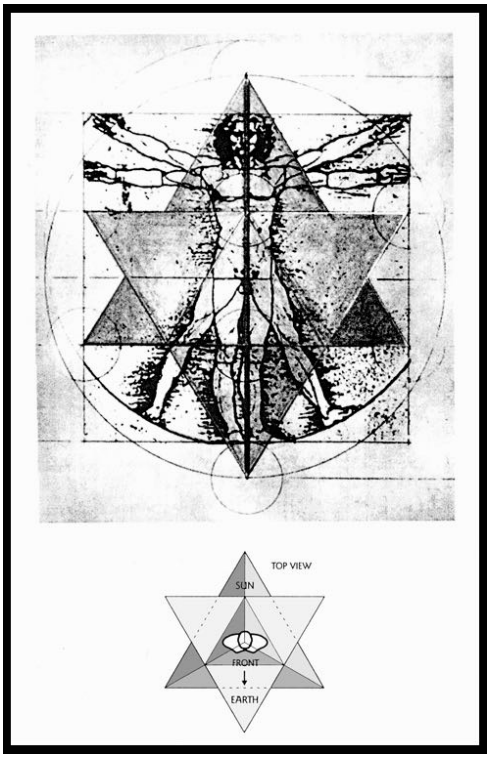
A New Cosmogonic Model related to Merkabah Mysticism

This source presents Merkabah mysticism as a powerful, ancient practice connected to creative forces and interstellar travel (in Hebrew Merkabah means vehicle). Yet it is also a 'secret doctrine' with its inherent risks, only accessible after some kind of purification. It explores the Egyptian origins of the term and its relation to Kabbalah and the Star of David, suggesting the Merkabah is a vehicle activated by meditation through unseen geometric structures. Furthermore, the text touches upon quantum mechanics, the nature of time as non-dimensional time capsules, and it introduces Sackarov's cosmological constant, contrasting these scientific concepts with spiritual ideas like God and consciousness, which are viewed as fundamental aspects of reality.

Actually, the Star of David is a symbolic representation of Merkabah mysticism. The Merkabah is mathematics and philosophy at the same time, a kind of meditative manual with which worlds can be created and destroyed, and by which interstellar travel comes within the realm of possibilities. It is like the genie from the bottle that does everything its master commands.

"Competition of Altars", which follows, explains why Merkabah mysticism is off limits. Only after the cleansing of the 'inner cosmos' (our soul), this area will also be made accessible to humans. Merkabah mysticism concords with 'the secret things' mentioned in Deuteronomy 29:29: "The secret things belong to the Lord our God, but those things which are revealed belong to us." Because Merkabah mysticism is in the limelight once again and has its ardent practitioners, it has become permissible to delve into more detail, albeit in general terms, because it's still dangerous territory.

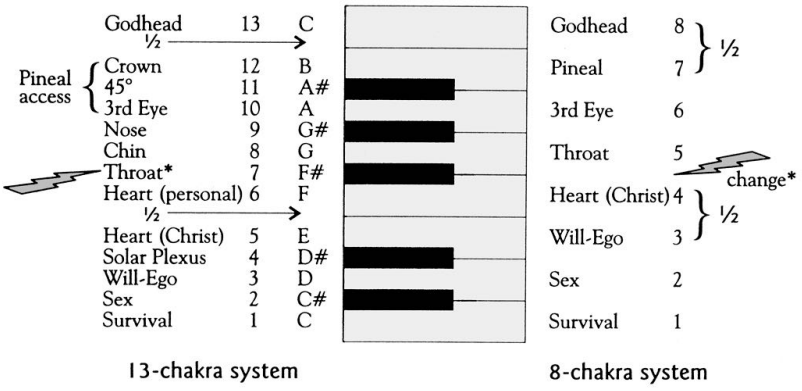


1 – Is not that Prometheus' Fire?

Merkabah is Hebrew but also Arabic, and is a word that commonly means carriage, and this appears more than forty times in the Bible. But the mystical, or call it magical concept, is something quite different. The term is originally derived from the Egyptian mystery services. The graphic representation of the term delineates two triangles which are interlaced, just as with the Star of David. The term combines three Egyptian words: Mer, Ka and Ba, of which the last two words also appear in the word Kabbalah, a fact that can hardly be a coincidence. Kabbalah is the ancient Jewish tradition of mystical interpretation of the Bible, using esoteric methods (including numerology). It also applies to the Ka'bah, which denotes the Islamic sanctuary in Mecca.

Ka en Ba are current terms explained in most books that deal with ancient Egypt. Mer is also a current term, and is used in for instance the word merkhet, a kind of sextant. Mer is depicted in hieroglyphic language as a triangle, which is usually translated with pyramid, but the sign can easily indicate a tetrahedron as well (with three in stead of the four lateral surfaces that pertain to a pyramid). Mer consists, so it seems, of an exceptional combination in Egyptian grammar of 'm' and 'er', the meaning of which is debatable. The 'm' could mean place or instrument and 'er' ascension, which can be interpreted as "the entity to translate (the body or the soul) to a higher dimension". Accordingly, the Mer in Mer-Ka-Bah, can be rendered as chariot.

The meaning of Mer-Ka-Ba is popularly a cart (Mer), a horse (Ka) and a driver (Ba). The Egyptian Mer refers to a body or container of fire (the actual chariot) - is not that Prometheus' fire?; Ba refers to the soul that gives life to the Mer, that is the human who, by his thoughts, puts the vehicle into motion and steers it to its destination; Ka indicates the material reality through which this duality progresses. Accordingly, Ka can also be conceived as the translator for the things that the normal body cannot accomplish: it translates the body elsewhere and back again. So, the Merkabah could very well be a vehicle traveling within a higher dimensional reality – at warp speed.



The Merkabah owes its capacity to the invisible geometrical structures that exist around each human being, to be activated by means of a certain kind of meditation and then start to move.[1)] Because of the spinning top of these geometric structures thus created, a force field comes into existence. Normally the structures are motionless and they represent as such a dormant potential. Modern Western man may take a strange look at the proposition that there are unseen geometric fields with an existence in reality, which can be set 'in motion'. But since the invisible, like God Himself, who is invisible, is the basis of all things seen (Heb. 11:3), the perceptible, we should not be surprised. Practitioners of Merkabah mysticism do claim to be able to perceive these geometric fields extrasensory.

The Merkabah concept is not bound to any culture because it is based on a physical phenomenon. Yet it is religiously based because in today's society it is interwoven with ideas of higher consciousness, the essence of God, reincarnation, becoming divine and the supposed extraterrestrial civilizations (think of Atlantis, Gondwana, Nephilim, Lemurians, etc.). Since the eighties, the Merkabah design has been in the spotlight again through popular booklets and magazines, which deal with all kinds of scabrous and occult matters and display it in such a way as if it were only this: Prometheus' fire, to save humanity from its perilous course.

As long as the cosmos has not been cleansed, that is to say, as long as humanity has not been restored to its paradisacal state, the Merkabah remains a field not to be trodden by any true Christian. A person who engages in this direction is like the foolish apprentice magician who called up forces he could not master. It should be cause for concern that the esoterical movements involved, including the Cabbalistic, flirt with Satanism and often seek their roots in the ancient Egyptian mode of thinking. They focus their attention on what would have been taught by the master magicians of the 18th Dynasty, the same company who was vehemently fought by God and Moses. Beware, for the anti-power tries to dismiss into blasphemous fire the flood in which the masses have multiplied.

In Judaism, this 'Secret Doctrine' was not allowed to be discussed openly. Ecclesiasticus 3:21-22 inveighs against its study: *"Seek not out the things that are too hard for thee, neither search the things that are above thy strength. But what is commanded thee, think thereupon with reverence; for it is not needful for thee to see with thine eyes the things that for you are meant to remain in secret."* The Talmud says (Hag. 2:1): *"Ma'aseh Bereshit (work of creation) must not be explained before two, nor Ma'aseh Merkabah before one, unless he be wise and understands it by himself."*[2)] Hag. 13a then goes on to explain that the chapter-headings of Ma'aseh Merkabah may be taught, as was done by R. Hiyya. According to Yer. Hag. 2:1, the teacher read the headings of the chapters, after which, subject to the approval of the teacher, the pupil read to the end of the chapter. R. Zera said that even the chapter-headings might be communicated only to a person who was head of a school and was cautious in temperament. According to R. Ammi, the Secret Doctrine might be entrusted only to one who possessed the five qualities enumerated in Isaiah 3:3. A certain minimum age was, of course, required. When R. Johanan wished to initiate R. Eliezer in the Ma'aseh Merkabah, the latter answered: *"I am not yet old enough."* There is the story of a boy who understood the meaning of Ezechiel 1:4: *"And I looked, and, behold, a whirlwind came out of the north, a great cloud, and a fire infolding itself, and a brightness was about it, and out of the midst thereof as the colour of amber, out of the midst of the fire."* Well, this boy was consumed by fire. (Hag. 13b) The perils connected with the unauthorized discussion of this subject are often described. (Hag. 2:1;

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1) Not only geometric structures have an independent existence, numbers too, as Peter Plichta explains, are objects in reality. In fact, the two cannot be dissociated. I abstain from the question of what is the most relevant: the geometrical designs from which numbers and their connected physical laws derive their significance, or just the other way round. Therefore, if I talk about numbers and mathematics, I implicitly mean geometry; if about geometry implicitly the numbers based on it. The one always follows from the other. Please note that there exists a geometrical presentation that leads to numbers as objects in reality, discovered by Arnoud van Thiel and explained in his booklet "Analytical Dialectic and Basic Physics" (Boucher Publ., The Hague # 1962). This is based on the equipartitioning of space by the rhombic dodecahedron or 12-Rhombic body conceived as an extension of the cube and octahedron. The 12-R body, with its 24 edges, has many aspects that can be found in nuclear physics. Squared functions follow from the multiplicity of relations, and prime numbers play an important part in squaring. For example, the 12-R has 43 diagonals, squared to 1849. This 1849 is the sum of the prime numbers from 3 until 131.

Shab. 80b) Yet now the time has come to reveal this to a greater public, now that Man stands on the threshold of the Reign of Peace and this knowledge is openly touted by the opposing power, now that the forces of evil have been let loose in expectation of the revelation of the coming one, the son of perdition.

2 – Pluricosm and Time Capsules

Star Tetrahedron with human inside

This Star of David, image of the Merkabah, actually should be depicted as a three-dimensional object, which reverts to two interlaced tetrahedrons, which establi-shes a so-called star-tetrahedron (see design) and is therefore made up of two bo-dies of four equilateral triangles. This is comparable to a mirrored pyramid (or octahedron), which consists of eight equilateral triangles (two pyramids with their basis upon each other). If we place on each surface of a canted octahedron a tetrahedron, then mirabile dictu we get a startetrahedron pointing upwards! The two-dimensional Star of David should not be considered as a projection of the three dimensional star-tetrahedron. It is just the reverse: the star-tetrahedron is a development of the Star of David. This is an important distinction. Logic demands that we start by adding successive dimensions from the inception point of the first dimension.

I explain further: In the strict sense, the infinite 'empty' space represents the first dimension – to avert confusion it would be better to speak of a space referential, hovering as it were in nothing[3)] – which first dimension is perfectly expressed by a point that exists in the midpoint of space. And because empty space – that is to say space without matter and radiation – is infinite, each point of it is its midpoint. This explains why the laws of nature are everywhere identical, for the laws of nature unfold mathematically out of each begin- or midpoint. And the reverse is also true: because the laws of nature are everywhere identical, space is infinite. Points have no extension whatsoever but each one possesses all possibilities of unfolding granted to it by God. Because in a point no choices have yet been made towards unfolding, a point carries all choices in itself and thus represents pure potential. This condition of being void of any determination accords with the Aristotelian concept of materia prima or 'that which underlies matter'. Materia prima is absolutely not observable and is not something quantitative: it is an ontological principle that precedes the further elaboration of the concrete thing. By unfolding a point becomes in the second dimension a line (ax), in the 3rd a pair of perpendicular axes, or a circle or a square, in the 4th a triplet of perpendicular axes or a sphere or a cube, and so on.

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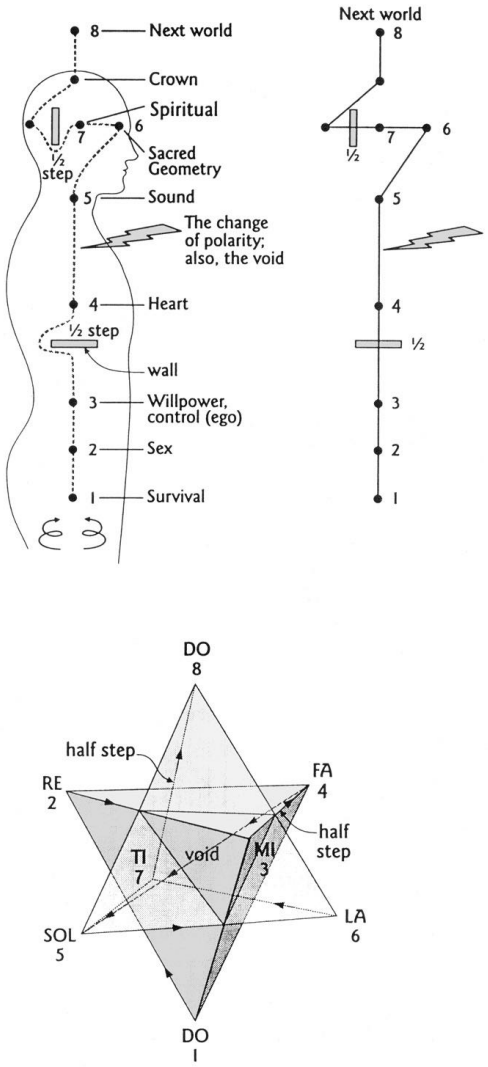
2) According to the Jewish Encyclopedia from 1905 the "ma'aseh bereshit" and the "ma' asheh merkabaht" are Talmudic terms for the esoteric doctrine of the Universe, or for parts of it. Ma'aseh Bereshit, following Genesis 1, comprises the cosmogony of the Talmudic times; Ma'aseh Merkabah, based on the description of the Divine Chariot from Ezechiel 1, and on other prophetic descriptions of divine manifestations, such as that in Isaiah 6, is concerned with the theosophic views of those times.

3) Creatio ex nihilo is only correct if we understand it as created from point existence-zero (nought) or from something that stands outside the referential of our Universe. For example, a vacuum is not naught because it is placed within a referential, where it retains the potential to contain what belongs to the referential. Void or the be empty of something is in other words something very different from nothing, because nothing or naught does not even has the potential to contain anything. If space becomes empty and empty of field, it is not void. Its mathematical structure, that enabled the field, remains.



By referring to ‘materia prima’, a term that comes from Aristotle, I refer to a certain tradition in philosophy. In fact, it was the Greek sage Anaximander, who lived in the 6th century before Christ, who introduced the basic idea of materia prima. He was the first cosmologist who coined the term physis (φύσις). He was it probably who combined cosmos (κόσμος), as organized nature, and logos (λόγοσ), as the law behind nature, known as the cosmogony. Anaximander claimed that an ‘unexpressed/indefinite’ apeiron principle (ἄπειρον) gives rise to all natural phenomena. A-peiron means ‘that which cannot be experienced’ by relating it not to ‘peras’ (limit), but to ‘perao’ (to apperceive), which is akin to the Hebrew ‘mah’. Therefore, a-peiron can be seen as the translation of the Hebrew ‘b’lee mah’ (b’lee means ‘without’), which appears in Job 26:7, a book that, incidentally, was written down in about the same period when Anaximander lived. Plato (ca 427-347 BC) explains the apeiron with the construction of the ‘idea’ from which the physical world would derive its existence by means of ‘imperfect’ imitations. Both, the imitations and the idea, would lead an independent existence. Aristotle (384-322 BC), on the other hand, explains the apeiron by means of the materia prima, which represents unrealized potential. At the other end stands its realized potential. The latter is the expression of the first, which can be observed in our material world. In fact both are welded together in ‘perfect’ harmony. Aristotle was right, Plato wrong.

‘Time’ is commonly considered the fourth dimension. However, time is no dimension, even not a quantum, but a step to the next referential, or call it time capsule, where time itself has been reduced to an indivisible moment in which time is ‘empty’ and non-

existant. Time comes into being by comparing two moments, but is no variable that exists by itself. These capsules 'hover', by way of speaking, in nothingness. In our present timeframe each tiny step towards the next capsule is calculated by dividing the Planck-length (the smallest length in a given referential) by the speed of licht (the greatest speed in a given referential), which nowadays reverts to 10^{-43} second, also called the Plancktime (Pt), which represents the step or comparison between successive referentials.

Difficulties encountered in explaining the radiation of a theoretical 'black body' were overcome in December 1900 when Max Planck concluded that energy is not emitted continuously, but in discrete amounts, which were later named Planck quanta.[4)] December 1900 is therefore the first step towards the emergence of quantum mechanics, which came into existence in 1925 thanks to the work of Werner Heisenberg. Planck ascribed physical sense of action (or geographical meaning) to his constant, which has vector properties too. In view of the fact that it is the 'smallest distance', it cannot be experimentally proven. It is purely the result of calculations. Because all fundamental values are interrelated and occurr together in the mathematical expressions, the smallest value means 'if everything else remains equal' (ceteris paribus), which of course is not the case.

3 – What exactly is Quantum Mechanics?

Actually, it's a of fuzzy term and represents a drastic departure of classical physics. The relations, read mathematics, determine the essence, and the reality behind it is considered secondary. It is a syntactic game. Syntax denotes word choice, matching number and tense, and placing words and phrases in the right order, in this case by looking at the values obtained by experiments. Classical physics is semantic because it is 'also' much interested in the meaning of the terms; it is driven by the fact that theoretical terms are a reflection of reality and as such have predictive value for findings not yet made. In many cases this allows to account for new phenomena, much more so than with quantum mechanics. It enables to build a model that merges a vast amount of knowledge in a certain field. However, Quantum Mechanics gives a plethora of theories that more often than not apply only to very narrow fields, and remain applicable until a new mathematical formula sees the day. Quantum mechanics has caused a two-pronged approach, one for our macroscopic environment and another for the atomic scale which is totally dissociated, as if the one would not follow from the other.

Brett Holverstott tells in his book about the life and work of Randell Mills (p. 42):

> «« Physicists were dropping the physics out of their math, and the idea was embraced even by those who had built classical electron theory. (…) Why was this idea so persuasive? Physicists had hit a dead end with the theory, but were able to continue working even without a clear theoretical foundation. New data such as spectral lines for atoms could usually be understood with simple formulas derived from experiments, not from theory. By 1925 [year of the birth of Quantum Mechanics], there was a wealth of this data. If a computational scheme could suffice, why postulate a physical mechanismn? »»

Atoms were seen as a mathematical 'model' for facilitating the mental reproduction of facts, and only a sequel to constructing what he called 'direct descriptions' of phenomena

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4) In my view, energy is the expression of radiation: the radiation can in certain circumstances lead to something that is recognized as energy, but in fact such radiation is a pure mathematical concept in smaller and smaller numbers, even to infinity. I therefore wonder if an experiment has ever been designed to add up a number of radiations, each of which is below the output of a so-called energy quantum. If the sum thereof is above the quantum threshold, this can be measured again via a release of energy.

so that we can leave aside the unobservables, leaving just the mathematical equations and relations, which provides the objective discipline to explain and predict. This seems a very efficient way of thinking, but in practice, after almost a century of quantum mechanics, despite occasional successes, it has proven to be a dead end for reasons quite obvious: for how to discover the (intangible) reality if reality itself is deemed fundamentally inaccessible?

4 – Time is no dimension

That 'time' is the fourth dimension was first postulated by the German mathematician Hermann Minkowski. The beginning part of his address delivered at the 80th Assembly of German Natural Scientists and Physicians (Sept. 21st 1908) is now famous: *"The views of space and time which I wish to lay before you have sprung from the soil of experimental physics, and therein lies their strength. They are radical. Henceforth space by itself, and time by itself, are doomed to fade away into mere shadows, and only a kind of union of the two will preserve an independent reality.*" The paper was called "Raum und Zeit" (Space and Time). The theory of the 'four dimensional space-time' has since been known as the 'Minkowski space-time'. Yet, as the theoretical phycisist Julian Barbour argues in "The End of Time" (1999), time is a purely local phenomenon, a way of seeing things, rather than something that in itself meaningfully exists at the core of the Universe. Time is therefore a derivative. It thus appears to be a factor of energy. For instance, if at some point energy is brought down to the zero level, time disappears; it is not compressed but completely eliminated. This example indicates that time does not exist as an independent variable.

The locality provides a way of imagining infinity within our limited comprehension. To do this I need only imagine that I can jump in at any 'random' moment; because it is completely arbitrary, this creates a comprehensible (not real) representation of infinity. In a review of Barbour's book, Roz Kaveney states the following, which ties in with this: *"Time consists of a vast agglomeration of Nows, single moments whose relationship with each other is intimate, but not intrinsically one of causation."* And Barbour puts it as follows on page 329: *"Each time capsule that represents an experienced Now reflects innumerable other Nows."* These Now-moments are like beads on a chain, which may be arranged in spirals which may again be spiraled together, laying 'beads' on top of each other that would otherwise be far apart; for example, two distant 'beads' can have a mutual relationship. In a kind of predestination of earlier events, such a 'bead' influences many later events, or vice versa: a later 'bead' acts on the Now. By events I mainly mean psychological, and not, for example, the laws of gravity of a bouncing ball. Barbour continues (p.18): *"An instant of time (...) is like a three-dimensional snapshot",* says Barbour. On page 56: *"Each Now is separate and a world unto itself, but the richly structured Nows 'know' about one another because they literally contain one another in certain essential respects."* Time is therefore an event-machine. Julian Barbour boldly states that time does not exist; all that would exist are things that change. According to this view, what we call time is – in classical physics at least – a complex of rules that governs change. In this concept, time is the element through which the stages of development of the Universe – from alpha to omega, may be passed through like in a composition with, for the participants, freedom to improvise on the prevalent themes. This scientific concept implies the irreversibility (assymetry) and inherent unpredictability of certain kind of events.

To that I would like to add that the Universe does not seek to conserve the total energy form (as currently accepted), but the total matter, while listening to the constant of Rc^2, i.e. the radius of the material Universe multiplied by the speed of light in the square. This is the second cosmological constant. The first, G/c^2, the so-called Einstein constant, came about because Einstein initially started from a static Universe. With G/c^2, he corrected

for the fact that the Universe is expanding (G stands for gravity). The second constant, discovered by Sackarov and Petit, corrects for the fact that the invariables are variable over time.[5)]

They used the following premises: The absolute constant is the 'ratio' of gravity and light velocity, or G/c^2, as expressed in the so-called Einstein constant. Here the ratio is constant, not the speed of light. In its turn this leads to the constant of Rc^2 where R is the radius of the occupied or material Universe (R is a kind of chronological parameter), which for "now" is assumed to be "1" (c is then also defined as "1"). Total mass is assumed to remain constant. In the classical model, it is the reverse: instead of the masses, the energy is assumed to remain constant, but that does not address a number of important observations, now being explained by variable gravity and light velocity. Andrej Sackarov made his discovery of R(cxc) in 1967, long before Jean-Piere Petit, and therefore I like to call it the Sackarov constant. The second constant is an enrichment of Einstein's theory of relativity, which turns out to be correct. The speed of light is invariable at any given moment in time and it is only after decades that the progression of the speed of light becomes detectable.[6)] By the way, a clock that starts running slower is only slower relative to another clock that runs 'on time'. For the slower running clock, a minute is still a minute. Looking back in time through our astronomical observations, we do indeed see a 'redshift' occurring, attesting to the much greater speed of light in a much earlier time frame. [7)] In fact, the discovery of Rc^2 is self-evident. The formula indicates that with every three-quarter contraction of the cross-section of the material Universe, the speed of light becomes twice as fast (0.25 x 4 = 1; square root 4 = 2). But since this also implies that the number of referentials is infinite towards zero, this is unacceptable to the God-denying physicists. Apparently, the outwardly atheist Sackarov - like Pacepa[8)] - believed in God, more so than his scientific Western counterparts. Why is God involved? Because

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5) "An interpretation of cosmological model with variable light velocity" by Jean-Pierre Petit (Observatoire de Marseille) – Modern Physics Letters A, vol. 3 nr 16 # 1988 (pp. 1527-32), as well as "Cosmological model with variable light velocity: the interpretation of red shifts" by J.-P. Petit – Modern Physics Letters A, vol. 3 nr 18 # 1988 (pp. 1733-44), as well as "Gauge cosmological model with variable light velocity: III – Comparison with QSO observational data" by J.-P. Petit & M. Viton – Modern Physics Letters A, vol. 4 nr 23 # 1989 (pp. 2201-10), as well as "Scale invariant cosmology" by J.-P. Petit & Pierre Midy – International Journal of Modern Physics, D 08:03 # online publ. June 1st 1999 (pp. 271-89), as well as "Scale invariant cosmology II: extra dimensions and the redschift of distant sypernovae" by J.-P. Petit & Pierre Midy – International Journal of Modern Physics, D 12:04 # online publ. April 1st 2003 (pp. 597-638), as well as "Cosmological bimetric model with interacting positive and negative masses and two different speeds of light, in agreement with the observed acceleration of the Universe" by J.-P. Petit & G. D'Agostini – Modern Physics Letters, A 29:34 # online publ. Nov. 10th 2014. See also Appendix 3.

6) Measurements of the speed of light have taken place since 1676. Barry Setterfield and Trevor Norman have shown, on the basis of past records, that in the past centuries a statistically significant decrease of the light velocity has taken place (with a confidence level of +99%), resulting in a total decrease of 1.17% since the 1700s, or about 35 meters per day! Their findings were published in the July 1987 report of SRI International (Menlo Park, California). See Appendix 5.

7) Using the aberration method, C. Barnet et al. reported in 1985 that light from distant quasars arrive here with the same velocity as light from nearby stars. They concluded that the velocity of light has remained constant to within 0.4% throughout the life of the Universe. However, as Barry Setterfield remarked, these results do not necessarily set limits on a cosmological variation of the velocity of light, but rather affirm the principle that the light velocity has a universal fixed value at any given time t (or time capsule). See: "The Aberration Constant for QSOs" by C. Barnet, R. Davis and W. L. Sanders - Astrophysical Journal 295 # Aug. 1985 (pp. 24-27).

Rc^2 implies that the number of universes is not only infinite towards the future, but also towards the starting point (the steps are getting smaller and smaller). And so the singularity, also called the Big Bang, is never reached. Stated otherwise: starting from 1, we get an infinite series: 1, 2, 3, 4, etc., which reflects in 1/1, 1/2, 1/3, 1/4, etc. This is a kind of proof of the existence of God, because it puts the spiritual first instead of the material (the universes communicate with each other through the binder of memory and teleology, which is something spiritual) and that is, I think, why the Sackarov-constant has been snowed under.

In this concept, time is symmetrical and each moment stands on its own. Time is not a modus operandi, only a point of observation. That is why in classical physics the origin (the preconditions) is considered so important, the origin that has led to a causal train of events. The causality should be discovered solely by the mathematical method, with things that affect things, without looking at an underlying law. This was considered the highest wisdom. Einstein talked a lot about God, but not in our sense. By that he meant an embracing systematic nature. In March 1955 he wrote a letter of condolence to the relatives of his lifelong friend Michele Besso, in which he said *"for us believing physicists",* but that should be regarded as meaning *"for us physicists who only believe in science".* Maria Valtorta's dictation of August 24th 1943 says the following: *"The scientists are full of science, but lack the guideline that leads to an exact science. They discover secret forces but remain indifferent to the force of forces: 'God'. Far from looking for it, they deliberately deny it; at best they ignore it."*

The famous formula of Einstein is $E = mc^2$, from which appears the power of an atomic bomb, because it transform mass into energy. In $E = mc^2$, the E stands for Energy that is equal to mass (m) times the square of the velocity of light (c). $E = mc^2$ belongs to Einstein's Special Theory of Relativity, from 1905. The General Theory, from 1915, is about Einstein's ideas on gravitation. Einstein, in a book that he revised in 1952 and called "Relativity - The Special and the General Theory", makes in ch. 22 this important statement: *"According to the General Theory of Realtivity, the law of the constancy of the velocity of light 'in vacuo', which constitutes one of the two fundamental assumptions in the Special Theory of Relativity, cannot claim any unlimited validity. (...) The results of the Special Theory hold only so long as we are able to disregard the influences of gravitational fields on the phenomena [e.g. light]."* In app. 5, p. 17 he clarifies it further by explaining that in General Relativity the velocity of light depends on the coordinates of when a gravitational field is present and that space (and its associated time) defines the coordinates. So, even according to Einstein, the speed of light is not absolutely constant!

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8) Ion Pacepa (1928-2021) was a two- star general in the Securitate, the secret police of Communist Romania, who defected to the United States in July 1978 following President Jimmy Carter's approval of his request for political asylum. He was the highest-ranking defector from the former Eastern Bloc, and wrote books and articles on the inner workings of communist intelligence services. He confessed: "As always, once in bed I said my prayers. I have been a devout Christian all my life, and I have never gone to sleep before giving thanks to God. Ever since religion had become prohibited, however, I had said my prayers only in my mind. Over the years I had learned to concentrate until I could clearly see the image of Christ crucified on the cross. That was my church, my altar, my icon for almost 30 years. It was to this Christ, Whom I saw so clearly in my mind's eye, down to the least detail of His face and body, that I always said my prayers." ("Red Horizons" by Lieutenant General Ion Mihai Pacepa - Regnery Gateway, Washington D.C. # 1987, p. 113) In many ways Pacepa can be compared to Colonel Michał Goleniewski (1922-1993), who also defected to the West. He served in the People's Republic of Poland's Ministry of Public Security as the deputy head of military counterintelligence GZI WP, and later as head of the technical and scientific section of the Polish intelligence, and as a spy for the Soviet government during the 1950s.

If energy-matter is preserved, this implies a gigantic higher light velocity at the inception of the Universe, when the velocity of particles was vastly superior to our present light velocity of 299,780 km per second. This presents a problem in the classical theory as this should not occur, for the 'present' speed of light is the ultimate speed that can never be exceeded. With variable light velocity over time the problem is solved. The solution also implies that the gravitational effect is not an exponent of mass but that mass measurement is an exponent of the field energetic description of the Universe. In sum, mass, gravitation and light appear to be less antithetical than commonly assumed.

The degression in the speed of light could have implications for the calculated age of the Earth, which is believed to be 4.5 billion years old, which is based on evidence from rock material that naturally contains certain elements and not others. By the process of radioactive decay of unstable elements, a number of exotic elements is introduced in the rock material over time. By measuring the concentration of the stable end products, the age of the material is calculated, which in turn gives a minimum age for the Earth (the rock cannot have been in existence for longer than the Earth itself). Those calculations are implicitely based on the assumption of a steady half life of decay. However, if going backwards in time the speed of light accelerates, then radioactive decay accelerates too, which results in a different calculated outcome. Jean-Pierre Petit in view of the verification of the calculations: *"It is impossible to design an experiment as the measuring and observation tools drift in parallel."* However, with light accelerating, the Pt between time capsules decreases; in a way, this determines the true time, but such a thing is of little practical value. The solution might be to use R as the chronological parameter, set out on a logarithmic scale (the expansion is exponential). In its turn the measure of R could be used to adjust the calculations based on the factor of radioactive decay. On a graph, the logarithm give the true astronomical age, and the linear years the apparent age. If you wonder what happens to the Plancklength in terms of billions of years and how this reflects in R, the calculations of Petit give the correct answer: *"The Planck's length varies with R; the Planck-wall has fallen; it no longer exists."*

According to the classical approach, if we go back in time, everything approaches a limit value, the so-called zero point. This point is referred to in technical jargon as the singularity, which indicates a condition stripped of any determination, a condition that also exists in Black Holes. In the latter case, the singularity indicates a flipover moment. In the classical approach, the singularity presents conceptual problems: we are talking about the first fractions of the first second going back to the singularity of the Big Bang. In a Black Hole, inflation occurs after the singularity, but only after the flipover has taken place under sufficient pressure and time. If we create a singularity of sufficient mass through experimental application through a gigantic pressure, then through the flipover the 'gate' would be created that gives access to our antagonistic twin Universe, albeit in a different space referential and with the particularity that its laws are opposite to ours: for example, the direction of time runs in the opposite direction and an electron has a positive charge there.[9)] A Black Hole can be regarded as a sort of 'pump' between the two multiversa, a term used by theoretical astrophysicist Jean-Pierre Petit in a Paris Match interview.

It should be noted that one moment is no cause of the next, albeit interrelated – so it is a virtual causality – and since all possible or permitted variants/bifurcations always and

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9) The idea of an antagonistic and enantiomorphic twin Universe belongs to Andrei Sackarov, which was later discovered independently by Jean-Pierre Petit. See "Comptes rendus de l'Académie des sciences de Paris", 3/28/1977.

eternally coexist, there is no need to search for a primary cause in a regression to the very beginning. After all, each moment has its own beginning, so its own immediate cause and that is God; here we find the one and true explanation of the ma'aseh bereshit, where God has created in his one thought all that possibly exists. We rightly pray: *"Glory be to the Father, and to the Son, and to the Holy Spirit, as it was in the begin ning, is now, and ever shall be, world without end, Amen."*

The notions of zero and infinity are related, where the number one represents a tilt value. In Hebrew, the enormity of the cosmos is rendered in Psalm 147:4-5 by the Hebrew "ayin, mispar" or "a non-existent, immeasurable number.": *"He counts the number of stars; He calls each one by name. Great is our Lord, and mighty in power. His wisdom is infinite."* As an independent concept, the word infinite does not exist in either Hebrew or Greek. Ayin itself means according to Strong's Concordance (nr 369): *"to be nothing"* or *"not exist: a non-entity"*.

That the number of universes (referentials) between zero and one is infinite, resembles the contest between Achilles and the tortoise, a paradox invented by the Greek philosopher Zeno of Elea (ca 490 - ca 430 BC). In the paradox, Achilles is engaged in a footrace with a tortoise. Achilles allows the tortoise a head start of 99 yards. Assuming that each racer is running at a constant speed (one very fast and the other very slow), Achilles will have run 100 yards after a measured time, reaching the point where the tortoise was first. During the time that Achilles traveled the 99 yards, the tortoise will have traveled a much smaller distance, say almost 1 yard. Achilles will then need extra time to cover that extra distance, but by the time he does, the tortoise will have moved about one third of an inch; and Achilles then needs time to reach this third point, while the tortoise continues. So every time Achilles reaches the point where the tortoise has been, he has to walk even further. Because there are an infinite number of points that Achilles must reach where the tortoise has already been, he can never catch up with the tortoise. The turtle and the athlete never get to the hundred yards finish line, but they do get very close! We can apply this conclusion to the mathematics of Rc^2, which demonstrates that the singularity is never reached, because the zero point (the finish) is never reached!

Another paradox of Zeno is as follows: "If everything, when it occupies an identical space, is at rest, and if that which moves is always occupying its own space at any time, it follows that an arrow in flight is at any moment motionless." In the arrow paradox Zeno states that for motion to occur, an object must leave the position which it occupies at that instant. He states that in any one instant of time, for the arrow to be moving it must either move to where it is, or it must move to where it is not. However, it cannot move to where it is not, because we are contemplating a single instant, and it cannot 'move' to where it is because it is already there. In other words, in any moment there is no motion at all, because it is a snapshot. Therefore, if it cannot move in a single instant it cannot move in any instant, making any 'continuous' motion impossible. Whereas the 'Achilles and tortoise paradox' divides space and subsequently time, this paradox starts by dividing time, not into segments, but into points, which is exactly what occurs with the Planck-time. However two subsequent Planck moments take acount of each other: the data of one point are transferred to the next point (or moment) and therefore 'in general' the arrow jumps from one point to the other, giving the false impression of a continuous movement, which is made possible because of an entanglement of two points, which are both sharing a quantum memory. Memory is therefore an intrinsic part of the Universe; not only on the macroscosmic but also on the microcosmic scale.

In this view, moments never pass away. Each Now-moment is a creation in its own right. We pass 'in time' Now-moments and only in that sense does a moment become 'past tense'. In a Now-moment we can intervene in its structure beforehand, because the force of memory does not only belong to the past. As for Christ, in his Passion on the Cross,

He not only reconciled the Now-moment of his past, now two thousand years ago, but also the moments that belong to the very distant past and even to the distant future. To put it bluntly: the Now-moments of all infinities have been restructured by Him, where necessary. God, from his Throne sees all the Now-moments in the so-called pluricosmos simultaneously displayed before Him – which never perish – and therefore, in God there is no time.[10] A history book also knows no time. It describes what happened in time, but that is something different than the experience of time. The human experience serves to make this timelessness timely and eventful; it is our way of experiencing God's infinity. Human time, after all, is an intervention to make what is unchangeable in God changeable for us.

The Merkabah vehicle would through meditative techniques, by means of the wish of thought, be capable to end up in a time capsule somewhere in the past, say 150,000 years after point zero, when the stars had not yet formed and the speed of light was much faster than now in a much smaller material universe. In that time window, due to the smaller relative distances within the then existing matrix, it is possible to travel in a few weeks, which normally would take millions of years. Then we can travel back in time and end up with the device (because we are in a kind of device) at a different place in the current Universe. It goes without saying that not all theoretical possibilities are within reach. It will therefore be impossible to travel back in time, say of your great-grandfather, before he had children, and then kill him. This would create a paradox. Only that is permitted within God's plan of creation if it never leads to a time paradox.

5 – The Point of Departure

The physical discovery that electrons move around the atomic nucleus in orbits, with specific energy quanta for each orbit,[11] has led to the conclusion that fixed (harmonic) distances exist. The electron does not glide but 'jumps' from one orbit to another, simultaneously absorbing or releasing certain quanta of energy, something Niels Bohr has been working on to arrive at a model of the atom. To this end, he also used the findings of Max Planck, who more than ten years earlier had linked the 'Planck Constant' (h) – as the smallest physical unit (quantum) – to distance, gravity and the speed of light. (The Planck distance is unimaginably much smaller than the electron.) From the disco-

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10) Anaximander (ca 610 - ca 545 BC), who was a pupil of Thales and the teacher of Pythagoras, conceived of the universe as consisting of countless worlds in strict symmetrical balance with one another, a so-called pluricosmos. This concept places Anaximander close to the Atomists and the Epicureans who, more than a century later, also claimed the infinity of continuously appearing and disappearing universes. In the timeline of Greek thought, some philosophers conceptualized a single world like Plato and Aristotle, while others speculated on the existence of a series of worlds, continuous or non-continuous, as was the case with Anaximenes, Heraclitus, Empedocles and Diogenes. (source: Wikipedia)

11) Electrons do not revolve around the atomic nucleus like planets around the sun. After all, there is no 'time' for that; they jump from quantum moment to quantum moment within a torus, creating an ultra-fine tissue, an energy shell, which, according to an equation by the famous physicist Hermann Haus, is radiation neutral on the basis of "the conservation of angular momentum", i.e. without energy loss. This has been elaborated by Professor Ph. M. Kanarev in "Model of the Electron" (Apeiron Physics Journal Vol. 7 Nr. 3-4, July-Oct 2000). In it he states (p. 192): "[The geometrical movement of the rotating] electron has the form of the rotating hollow torus. Its structure proves to be stable due to the availability of two rotations [that are perpendicular to each other]." It should be noted that contrary to popular belief, the Bohr distance is not the absolute minimum distance for a shell or orbit. Smaller orbits are possible. See for that matter Appendix 1.

very of the existence of a smallest distance, a smallest time arises as well, that is the time with which the smallest distance is bridged with the speed of light. We have to conclude from this that time is actually non-existent and therefore neither does movement, as we think to perceive, for time is nothing more than the measurement of movement. There are only time capsules. A time capsule is basically frozen motion. In this way, the shortest time is not the result of the shortest distance, but the shortest distance is the result of successive time capsules, in which everything is recorded as in successive film shots.

Hawking versus God

"The Grand Design" by famous physicists Stephen Hawking's and Leonard Mlodinow, provoked much reaction, for the book states that the Universe would have come into being *"from nothing"*. Reverend Robert Barron, a theology professor at the University of St. Mary, complained that the book is philosophically terribly naive. *"For example",* says Barron, *"the structure of the physical laws that caused the appearance of the Universe must have predated the Big Bang. The laws of gravity seem to be something other than nothing." "The theories Hawking and Mlodinow use to base their arguments on',* wrote cosmologist Marcelo Gleiser on a blog, *"have as much emperical evidence as God."* (Scientific American, November 2010, p. 10)

Barron's idea is not new. Already, the Jewish sage, Philo of Alexandria (ca 25 BC - ca 50 AD), wrote in his "De Opificio Mundi" (4:16): *"When God proposed to create this visible world, He first made the intelligible world (the universe of ideas) as a model, in order that employing an immaterial and most godlike pattern He might produce the material world, a younger copy of the elder."*

If those time capsules themselves represent a frozen state, how is it possible for me to perceive anything? Because nothing happens in the capsule itself. This gives rise to a paradox. Under those conditions, how is it possible for me to discover stars in my binoculars that existed millions to billions of years ago? According to Julian Barbour time consists of a number of single moments whose relationship with each other is intimate; the richly structured Nows 'know' about one another because they contain one another in certain essential respects. Yet the question remains: if any capsule represents a Now-moment, how then can I observe anything that belongs to the past?

The same phenomenon that occurs in the observation of stars occurs in observing someone who is more than ten feet away from me. If we express this in Planck times (Pt), the respective person is at a distance of one billion to the fourth power of Pt, which is an unimaginably large number, and enormously larger than a star which, expressed in seconds, is ten billion light years from us. That person at ten feet away seems close, but in Now-moments that person is astronomically far away. The only way that we can perceive that person is through a kind of power of memory, so that Now-moments not only are aware of each other's existence, but also 'know' each other. I now come to a bold statement: each Now-moment is aware through the power of memory of all aspects of all other Now-moments. The faculty of consciousness or memory (the two are synonymous) thus represents the basic fabric of creation. Memory is not locked into the synapses of our brains - it is related to it - but it is omnipresent and can be evoked through the universal binding agent of similarity and affinity. Affinity is a form of love. Due to this love or sense of community unity is brought about. In the message of March 3rd 2014 by the endtime prophet, Mary Divine Mercy, there is a remarkable statement, in line with earlier statements of J.N.S.R. (http://www.jnsr.be/fr.htm):

> «« It is God's everlasting Love for all of you, which keeps His Light aglow on Earth. Without this Light, there would be only darkness, not just of spirit, but

on Earth itself. Daylight would not exist. The sun would not shine, nor would the moon brighten the night. The stars would disappear [they would cease to be observed]. Yet, all of these Gifts remain in place because of the Love of God. When this Love is reciprocated, it brings great joy to My Father [says Jesus Christ], for He knows that once the spirit of love is present in souls, it can overcome all darkness of the soul. »»

The One-Thought-Creation

The thoughts of God, issuing from the depths of his holiness and love, take instant shape, and become, not an unsubstantial and evanescent dream [as with humans], but a beautiful reality, established for ever unless He choose to alter or remove it. Hence it may that a great part, or, perhaps, the whole host of innumerable suns and planets, which make up the Universe, flashed into being simultaneously at God's Will, and, in a moment, illumined the black realm of space with their many-hued glories.

"Earth's Earliest Ages" by George Hawkins Pember
Hodder and Stoughton, London # 1889 (5th ed. p. 24)

God Who encloses in a single glance;
The now, the future, and all things gone;
In the everlasting stream of eternities.

Willem Bilderdijk (1756-1831)

What we think to perceive, even through some measuring instrument, is no more than observing the events of the past. Are there also telescopes for the future? No, except for close by, for only God knows the future. These recollections are not a figment of our mind; it has a reality effect in the precise sense that we assign to reality. They steer reality to its destination by means of a consciousness effect. In other words, a memory and the consciousness related to it are welded into matter, or what passes for it. This means that a wave can propagate through the referentials (time capsules) and still create the illusion that there is only one space. Instead of watching the movie, we're in the movie ourselves!

Thus perception is through the power of memory, which in turn is based on Love, the glue that keeps it all together; all that has ever been accomplished in the 'nows' of reality has been fixed forever and has become history. In the timeless world, not energy is passed on between the capsules in a cascade reaction, but information by the power of memory. However, the exchange of information is insufficient for the expression of being, because how to explain the dynamic coherence of an ever changing world? There needs to be an organizing principle as well, and traditionally that principle is known as the soul.

The notion of soul includes sub-units or sub-systems which, according to the holistic principle, have been split off from a collectivity. Holistic means that the relation between collectivity and specificity is reciprocal: the collectivity may be seen as a unit, just like its underlying specificity, and yet the two cannot be separated. After all, the specific is as essential to an explanation of the whole as the whole is to an explanation of the specific. For this kind of structure materialistic metaphors fail to give satisfactory understanding. The multiplicity and unicity in the surrounding world do not represent a contradiction since they are both image of and participation in the divine. As such we may talk of the soul of a white corpuscle; but a soul also pertains to an organ (like the liver) or to a plant. There is also the soul of a population. For instance, a population of bees starts to act as an organism as from 30 individuals. (Lavie and Roth)

This approach fits very well with the definition of morphic fields from British botanist Rupert Sheldrake as explained in "The Presence of the Past". He sees morphic fields as a matrix or vast interconnecting web applying to whole ecosystems as easily as they do to their underlying species, and to species as well as to their divisions, and to divisions as well as to individuals, and to individuals as well as to their living constituents. He does not disdain inorganic matter in the form of entire planets and galactic systems. He sees it as a resonating organism that, unhindered by time and space, includes the whole spectrum of the Universe.

We should not only look at systems, but also focus on the basic unit that consists of the atom, about which Christopher Langan has said interesting things, here presented in simplified form: [12)] If an atom did no more than the exchange of information, then brains could not be doing information processing. The information would then be an unread book. The parts belong to the whole and the whole is just as much a part, and that explains that what an atom is doing in its field of action is ultimately 'the processing' of information in order to initiate the corresponding action. This assigns to the atom a real, yet very base form of intelligence, a most rudimentary form of awareness. Of course, the information, characterized by radiation, being received by the electron of one atom, is not coming from some electron/atom that exists outside our reality; both belong to the same reality for otherwise they could not interact. So it happens that reality is everywhere, at all times, perceiving itself in an act of contemplation or self-modeling, which is what human minds do too, albeit on a superior level. Since information has to exist in order to be processed and since the processing is omnipresent – for otherwise the reality would cease to exist – information must be processing itself, at different variant (human) and invariant levels (physics). This makes the universally present reality a stratified intelligent continuum for information processing, with the ability to perceive itself with ascending expressiveness. To be is to be perceived as well as to perceive; to be is to be in a continuous mutual community that is in intelligent and reciprocal communication with each other.

The self-modeling is a form of consciousness, but this form of organizing is not, I repeat, is not intrinsic to the perceptive quality as Langan postulates. The DNA is an enormous store of information. But who reads it and processes it? An eye, indeed the eye of the soul. The 'eye' is extrinsic but welded into the fabric of being and therefore difficult to distinguish as having a separate existence – put perceiving and processing what has been perceived have a separate existence. A photocamera (without interpretative software) perceives but does not contemplate what it sees. Something else, an excentric factor, needs to be introduced to be able to do that. The excentric factor that motivates the dynamism of our physical reality is what from times of old is known as the 'soul'. Is there an instrument to observe the soul? Of course not. There is no denying, the soul is something that belongs to the divine To understand reality, as it should be understood, we ought not leave God out of the equation, Who is the force of forces. True science should take all the relevant factors into account. Why God should be irrelevant to science

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12) "The Cognitive-Theoretic Model of the Universe: A New Kind of Reality Theory" by Christopher Michael Langan #2002. See note 46: "To find out how information can be beneficially deduced when everything except the information itself is by definition uninformative, one need merely recognize that information is not a stand-alone proposition; it is never found apart from syntax. Indeed, it is only by syntactic acquisition that anything is ever 'found' at all. That which is recognizable only as syntactic content requires syntactic containment, becoming meaningful only as acquired by a syntactic operator able to sustain its relational structure; without attributive transduction, a bit of information has nothing to quantify. This implies that information can be generalized in terms of 'what it has in common with syntax', namely the syndiffeonic relationship between information and syntax."

escapes my understanding. God is relevant and cannot, should not be neglected, especially where the spiritual comes to the fore, for God 'is' spirit. And let's be honest, the intangible consciousness, self-awareness, self-modeling, etc. are spiritual qualities.

6 – Dimensions and Chakras

Because the tetrahedrons, which make up the Merkabah, belong to the simplest forms that have arisen from the unfolding of dimensions, and because the Merkabah derives its possibilities from that foundation, it is important to understand what the dimensions represent and how they unfold. In general, three dimensions means the three observables. The unfolding within the concept of the Star of David is different: 1st dimension is the invisible point, 2nd dimension (1st observable) is a line, which accords with the human spine along which we find the chakras, the life force energy centers, 3rd dimension (2nd observable) is the Star of David placed within a circle, 4th dimension (3rd observable) is the star-tetrahedron placed within a sphere.

Each unfolding is less fundamental and encompasses all the preceding. The idea to regard a point as the first dimension is not new and has been explored by others like professor Arthur-Ernest Wilder-Smith in "A Basis for a New Biology" (1976) under the chapter called: "Dimensions: black holes, flatland, event horizons and information sources". Please note: the development always starts with the simplest geometrical form. After the first dimensional line, the following dimension leads to the cross coordinate of which the circle and the square are its simplest deductions. On its turn, the simplest form that can be projected within a circle is a triangle, etcetera.

If, on page 6, we look at the design of the 8 chakras, we notice halfway the so-called void, in Hebrew 'b'lee mah',[13)] literally: that which is without anything, or 'silence', reason why the eight steps are divided into 2 x 4. The fourth is on the star tetrahedron opposite the fifth, and their connection shoots from one tetrahedron to second one through the center, which represents the unvisible first dimension. This now, an emptiness, is experienced with transcendental meditation and that point, which is like a wall, has to be passed in order to reach the higher states of consciousness. Many meditators do not manage to go beyond this void unless they turn to the use of psychedelic drugs. An experience is related to a way of being aware. Thus, a perception of the invisible first dimension (the void) usually occurs without experiencing the other three dimensions of space, and that creates a feeling of absolute bewilderment.

According to Eastern wisdom all chakras are being visited in the process of dying, and someone's body would only be really dead after the eighth is attended, the gate of death (the eighth letter in Hebrew looks like a gate). Mathematically the eighth is also the first because in continuous progression the top of the star touches the foot of the next one. This is comparable to the octaves on a piano keyboard, where the eighth tone is identical to the first one of the next scale, although I would tend to think that both should differ an

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13) The expression 'b'lee mah' occurs only once in Scripture, in Job 26:7: "God hangs the Earth on the Intangible (b'lee mah)." The expression is a combination of 'beli', meaning 'without': and 'mah', meaning 'what', or 'matter'. There is another Hebrew verse that relates to it. In discussing the first verse of Genesis, Rambam (Moses Maimonides) explains that 'heaven and earth' designate the potentials, existing at inception, for all future stages of creation. (taken from the ArtScroll Tanach Series) Inception means the point at which something begins its course or existence, preceded in this case by utter and complete nothingness, when only God existed. Rambam explains, that afterwards, at the first stage of creation the Universe has to be understood as creation without substance, only to become matter after God clothed it with form, thus unfolding the mathematical structure to a realized potential.

inaudible fraction from each other. Another view, but much less satisfactory, holds that a new progression only starts after the eighth. In that case the number nine counts as the first one of the next stage.

7 – Orchestrated by a Universal Symphony…

The point in the center of the Star of David, which represents the void, is called tikkun in Hebrew meaning 'new beginnings' or 'recovery'. This, in its first development, transforms into a line, which represents the energy path along which the 7+1 chakras or stations are located on the way to enlightenment; it is no coincidence that the eight points of the three-dimensional star tetrahedron correspond to the eight chakras situated on and beyond our spinal column, allegorically called a tree or a spear. This ascent along the spinal cord explains why in the Masonic movement the number 33 represents the highest degree of initiation, for it points to the human backbone with its 32 vertebrae, which are crowned with 'The VERTEBRAE', the 33rd, consisting of the skull, the place of the seventh chakra, in which our mental faculties reside. Chakra is a Sanskrit term meaning wheel and delineating a spiritual junction.

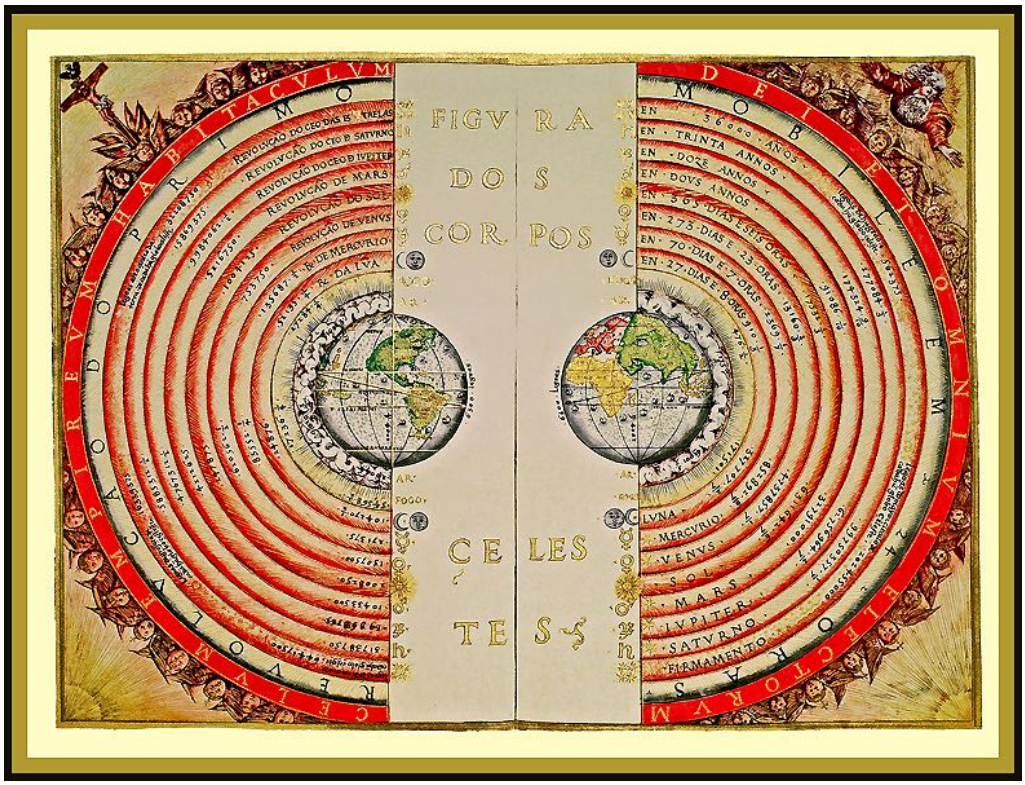
That tikkun is located in the geometric center of the star tetrahedron and thus in the center of the Star of David, confirms that the Merkabah also represents an equilibrium principle. The unfolding reality relates to a state of equilibrium of force and counterforce (which expresses itself in vibrations), as the Jewish Sefer Yetzirah teaches. There is symmetry everywhere. Also husband and wife are in a symmetrical relationship – if all is well. Asymmetry tends to recovery, to symmetry, to the perfect state of equilibrium. Perhaps a definition of tikkun is that it represents a pull towards recovery.

The first unfolding from a point, that of a line, is characterized by equilibrium and is therefore called the inertia line. Only at the second unfolding can there be a movement as from a vibrating string that gradually returns to its original equilibrium condition, that of a string at rest. With the addition of an extra dimension (the third visible), the reciprocating movement, a vibration, becomes spiral-shaped or quadratic, which is the spatial mode of propagation of a sound wave that was set in motion by vibration. Vibration varies by nature, as with music. Knowing music is knowing how time manifests itself. Human and cosmic events are, as it were, orchestrated by a universal symphony. Jeremy Rifkin puts it this way, in his 1987 book:

> «« What we discover at this most elemental level of material reality is not hard material things, but oscillating fields and waves of rhythms. Below the material world that we have long accepted as bedrock reality lies another world discovered by twentieth-century physics: a nonmaterial world of pure temporality, a world of vibrating forces, a world of energy pulsations interacting rhythmically in an elaborately choreographed dance that seems to spread out and give order and meaning to the whole of the Universe.
>
> (…) Below physical surfaces, underneath hard substances, inside dense cores, we are beginning to perceive a new reality, a domain where pulses, rhythms, and periodicities are the rule, the order, and the reality. Instead of perceiving time as one of the components of matter, we perceive the material world as merely an expression of a more fundamental temporal reality. »» (Time Wars, pp. 29, 34)

It is within this important design that the Merkabah functions mystically. Knowing this, we understand why the present man with his unstable mind should not engage in such matters, because one instability leads to another.

A New Cosmogonic Model
— Interview —



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Recently (in 2015) Hubert Luns was asked by Herman Hegge to explain his article "A New Cosmogonic Model", which is hereby gladly granted.

Q. — ***Cosmogonic Model, what does it mean?***

A. — Cosmogony refers to explanatory models for the formation and development of the Universe. The Biblical creation story is a cosmogony and there are many, both scientific and mythological. In my article I try to unite philosophical, religious and scientific insights. For the philosophical part I use the famous paradoxes of the ancient Greek philosopher Zeno of Elea. For the scientific side, I rely heavily on the publications of the theoretical astrophysicist Jean-Pierre Petit, at the time affiliated with the Marseille Observatory (savoir-sans-frontieres.com - in many languages), as well as the many thousands of pages of the ummo file (ummo-sciences.org). The Ummites are extraterrestrials who first visited Earth in the early 1960s and from then on entered into a discussion with us 'Earthlings'. Jean-Pierre Petit derived certain scientific principles from that file, which he has applied for his scientific publications. Afterwards he discovered that Andrey Sackarov, the father of the Russian atomic bomb, had already worked out the same principles before, which at the time were inaccessible to Petit because of the Russian lan-

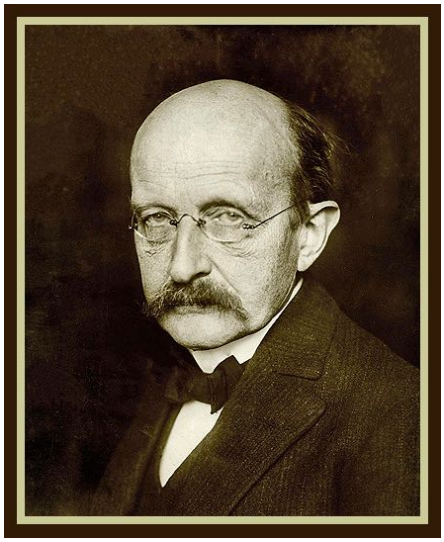
guage. A book by Jean-Pierre Petit, in which he explains things in layman's terms, is called: "Le mystère des ummites: Une science venue d'une autre planete?" (The Mystery of the Ummites: A Science From Another Planet). I have also applied knowledge of the geometria sacra, especially with regard to the merkabah concept, as well as Jewish mysticism. In fact, I didn't discover anything new because all that knowledge is lying around for anyone to pick up. Perhaps the innovation lies in combining all that knowledge into a flowing whole.

Q. — ***How did you come up with this topic? You didn't study physics, did you?***

A. — Indeed. I have a master's degree in economics and earn my living as a financial advisor. But I've always had a broad interest, including physics, for which I got poor grades in school (except for my final exam, where I came third in class). Because during class I was always with my mind elsewhere, with questions like: "What is the essence of gravity?", and: "Time, what is that?" So I was a dreamer. I hope I'm not cured yet.

Q. — ***What is your most important contribution to the scientific debate?***

A. — One of the biggest problems facing modern physics is the legacy of Max Planck, who in 1900 – albeit with great reluctance – laid the foundation for the emergence of the so-called quantum mechanics, in which time, distance and energy each have their own minimum value. So there is a smallest time and smallest distance (the smallest time is equal to the smallest distance traveled at the speed of light). Since this discovery, for which Planck was awarded the Nobel Prize, there have been two kinds of physics: classical and quantum mechanics, as if we were living in two worlds. Well, in my article the two are united within the Ummi concept of the pluricosm. The conclusion is simple: if there is a smallest time, then the other continua are also an illusion. Instead of watching the movie, we are in the movie ourselves, on the understanding that there are not 23 frames per second, but a billion x a billion squared, x 10 million. And now comes the astonishing: with every step towards a next 'image' we step towards a next universe, which is separate and cannot touch others (each is in its own referential), but universes can influence each other through the universal binder of memory (activated via affinity and similarity),*) that goes in both directions, so also from the future to the present. The future is indefinite, but far less than we thought possible. All those universes have always existed and will always exist, and God contemplates that at a glance. One of my conclusions is that the Big Bang never existed and that time is variable. I'm expressing myself wrong. Due to the fact that time, as we experience it, does not exist, I should have said that the steps between each referential can be smaller (more steps per second). These fluctuating steps are experienced as the variability of time, which has been confirmed by measurements.



Max Planck (1933)

Q. — ***You talk about extraterrestials / humanoids, do you really believe in them?***
A. — As far as extraterrestials are concerned, I don't have to believe in that. There is overwhelming evidence for their existence. You have to be very blind to deny that. I read somewhere that about seventy species are currently observing us. That wouldn't surprise me. The Babylon of the Book of Revelation is not a city, but represents the whole Earth. Christ's plan of redemption is for the entire Universe, not just for our planet, which is undoubtedly the most depraved; we don't have to pat ourselves on the back. Much more interesting is how many there are and how they communicate with each other.

Q. — ***Yes, please answer that.***
A. — I suppose that as soon as the conditions are appropriate, life arises, it cannot but arise, for our God is the God of life, leaves nothing to chance; our existence here also follows the little understood laws of teleology (of the purposefulness of existence). While the meaning of cause lies in the preconditions of the beginning, the meaning of telos lies in the preconditions of the end. Cause in that sense is an evolutionary pushing force and telos an evolutionary pulling force. Thus we may say that living is the rule, non-living the exception

According to my approach, all universes that have ever existed and can exist into the distant future have been created at the wink of an eye. Time is a relative concept in this. Measurable time is created by comparing two different events, but time is not an isolated entity in reality, let alone a dimension. In fact, time does not exist and is only an observation point. When the creationists say that creation was created six thousand years ago, they should really be saying that the world, that life on our blue planet, started six thousand years ago thanks to a creative act of God at that time. From that perspective, it is quite possible that an alien civilization on some planet elsewhere started a million years ago and that their civilization and ours can now be said to be running simultaneously. Because time does not exist as an independent unit, we cannot determine when in our calculation of time God created everything at once. "When did God create the Universe?" is an unanswerable question, an absurd one because the logic is missing. All we can say is that our Biblical God is the creator of the Universe and that He sustains it by his omnipotence. The existence of extraterrestrial civilizations, which may have existed for much longer than six thousand years, need not therefore contradict the propositions of the 'creationists'; really, the existence of many alien civilizations is an undisputable fact.

Today, thanks to the work of the Belgian astrophysicist Michaël Gillon, among others, it is assumed that in our galaxy alone there are tens of billions of planets with prevailing temperatures for liquid water, and that they could therefore be habitable. Let's say 25 billion, but it could very well be twice as large. It is no exaggeration, no more than logical, to assume that in the immense Universe there are billions of planets with beings like us. The 25 million planets of Isaac Asimov with beings like us and for our galaxy seems farfetched, unless we also include the planets where only primitive life exists. One in 1000 life-bearing planets for 25 billion planets with liquid water conditions gives 25 million and seems real; 1 in 1000, because if the temperature and some other conditions allow for water, there need not be water, which is deemed essential for any form of life. Our Earth can sustain water because it has the advantage of Jupiter in its 'neighbourhood' with a mass of 318x that of Earth, catching most of the comets, which would otherwise eject the water from our planet. And we have a geomagnetic field, unlike Mars, which protects us from the dangerous part of solar radiation, which kills off life. There are 170 billion galaxies. Potentially each galaxy could have a number of planets with self-con-

scious intelligent life like ours, to be termed humanoid (sounds better than Extra Terrestial). For our own galaxy, one in 250,000 life-bearing planets might have evolved into self-conscious intelligent life, or 25 million divided by 250,000 gives hundred planets with humanoids, or 4 in a million planets with conditions for liquid water, but hundred seems exagerated. If we adjust the probability calculation to 4 in a 10 million, **then there are still ten planets per galaxy with humanoid life**. That yields a potential for the entire Universe of 1,700 billion planets with self-conscious intelligence or 1.7 trillion (a trillion has 12 zeros), not counting the planets that biologically have not yet evolved to a higher plane, but are potential candidates (also 10 per galaxy?), and have or have not been colonized by a humanoid race. Gigantic numbers and based on very tentative estimates, but it forms a beginning and is not something to be dismissed out of hand when considering the immensity of our Universe.

Communicating means traveling. But according to classical physics, the unimaginably great distances in the Universe can never be bridged. Jean-Pierre Petit's suggestion, inspired by the ummo dossier, is to travel back in time to 150,000 years after the Big Bang (an arithmetic value), to go from A to B during that period, when the Universe was still small, without the risk of colliding with a star – because they didn't exist then. And then travel back to the present at the right geographic point.

How to travel in time? To this end, I have turned to the writings of the American Drunvalo Melchizedek, a pseudonym for Bernard Perona, who has rediscovered Merkabah meditation, and also teaches it. Although I reject his teachings on essential points, he does provide clues about the mode of space travel. However, as long as our inner cosmos has not been swept clean, that remains – in my opinion – off-limits. What Perona has done amounts to a revival of the Egyptian primordial Gnosis, where the hieroglyphs have changed the meaning of the One Name into the name of the antagonist. And we all know how that ended up for the Egyptians. The cleansing of the inner cosmos will be done by Chris's power of resurrection, very soon now, in the transfiguration of our existence. Until that has happened, we should stay away from this meditation technique. Were it not that the knowledge of this meditation technique was lying on the counter, my article would not have been published and I would have kept it to myself, because the content, at least in this aspect, is still 'forbidden territory'.

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*) When Blessed Marguerite Marie Alacoque (1647-'90) was instructed by her confessor to make an accurate account of all her mystical experiences she had had over the years, she complained to Jesus: "But how can I remember what happened more than 25 years ago?" "Do you not know – was the reply – that I am the eternal memorial of my Heavenly Father, who never forgets, and in Whom the past and the future are as the present?" This is just one of the many confirmations that all times are constantly displayed before God's eye, down to the tiniest detail (cf. Mt. 10:3).

Sequel to Interview

EXTRATERRESTRIALS, DO THEY REALLY EXIST?

Extraterrestrials, what are they? It would be better to speak of humanoids. Already Newton assumed that God uses the same template for his Creation everywhere, and it is therefore not far-fetched to speak of humanoids when discussing planets that possess living conditions comparable to ours.

In what will a humanoid resemble us? First, in that God has given him an immortal soul, which animals don't have. Obviously, in the grandiose Universe, all human species are endowed with a self-aware and independent thinking mind. If beasts have anything resembling that, it will be no more than rudimentary. Moreover, an extraterrestrial humanoid will know language, with which a thought world can be created, not just individual thoughts but a thought construct.

We will first discuss a passage from a book by Fritz Springmeier who states that **all encounters with E.T.'s (extraterrestials), which one reads about, are apparitions of demons**, something I wholeheartedly agree with. He does leave open the possibility of the existence of extraterrestrial civilizations.

As the interview reveals, trillions of planets with conditions for human-like beings exist in our gigantic Universe (a trillion is a thousand billion), thus also for extraterrestrial civilizations. And God would not be God if He did not take advantage of that. Such a thing does not arise by itself; his creative hand remains necessary. This consideration would be of little interest if God had not provided a method for crossing cosmic distances to visit those civilizations, and indeed such a method exists.

We may assume that God has a special calling for each species of man created by Him, appropriate to their particular talents, so that the multicolored wisdom and riches of God may be revealed. However, that calling need not correspond to ours.

EXTRATERRESTIALS: AN INEXRICABLE TANGLE

DEMONIC APPROACH THAT THE PUPPET MASTER IS GOD

The Programmers set themselves up as Gods

From: "The Illuminati Formula to Create an Undetectable Total Mind Control Slave" by Fritz Springmeier (2008) - Part F (p. 234 ff).

The programmers and the handlers [who are OWNER of mind controlled slaves], are setting themselves up as gods, even as the Almighty God, or present themselves as a being from a superior race of aliens, branded as the Koldasians or Pleiadians and the like. If one listens carefully, these various alien races appear to make conflicting claims for whatever good that earth might offer sometime in future. Yet, those of us who have studied Monarch slave programming [set up to make perfect mind controlled slaves], know that these aliens are just human beings who are involved with slave-programming. Time-Life Publishers (an illumination nest) subtly pointed this out in their book: "The UFO Phenomenon" [that discusses so-called extra terrestial encounters.] The book refers to abductions by UFOs (Unidentified Flying Objects) as something akin to "the Oz factor". They went on to say that this experience is comparable to what happens to the main character Dorothy in the "Wizard of Oz" (p. 71). They even went so far by showing a picture of Dorothy, the main character in the Oz story. In the TV series on aliens & UFOs, called the "X-Files", they begin one of the shows with [the fear inspiring] "I love you - I love you not" script, used in the creation of Monarch Slaves. [If the final outcome would be 'I love you **not**' this will have life threatening consequences for the child.] Often the Programmers tell an alter [alternative personality that has been split off in the mind], that they are their Creator and therefore their God. In a spiritual sense, they take the place of God in every way and even manage to apply Holy Scripture to themselves. [Alters are alternative and separate personalities within a single person, which is a means to make life livable. By splitting off the personality during extreme trauma, preferably at a very young and tender age, these mind-controlled slaves remain stuck in a hypnotized fairy-tale reality, as is common in toddlers, who as they grow up begin to exchange their fairy-tale reality, their world of riddles, for the reality usually experienced by adults.]

This works well for Illuminati alters, because they are indoctrinated that all humans can be divine. It also works well with non-Illuminati alters as long as they are under mind-control. However, the actions of the handlers are so ungodlike, that should the programming break down, and the alters get a taste of reality, these lies soon become transparent. The lie that the handler is an alien is much harder to refute than the lie that the handler is God. The trend appears to be for the handlers to refer to themselves as a superior race of aliens. **Most if not all of the people seeing aliens, are really just being jerked around by their handlers. This doesn't prove that aliens do or don't exist. It does mean that those of us who have been working with people who have had alien contact experiences and who are captured in Monarch mind-control have only met those people who are obviously under mind-control. Fritz has yet to meet someone who has had an 'alien contact' who wasn't under mind-control.** In 1992, a book "Exposing The Mystery of Iniquity", was started by Fritz Springmeier, showing the connections between so called 'aliens' and 'demons'. Is it a coincidence that the demon of Sir John Dee, who was conjured for his enochian magic, looks just like one of those a small grey aliens, pictured so often today?

People who have participated in high level Illuminati ceremonies speak about guardians which are Nephalim (half human-half demon) which are the offspring of mixing humans with demons, and who look like the variety of 'aliens' that are so often reported. The subject of the Nephalim and whether aliens are or are not visiting us is too vast for this book. However, these Nephalim guardians are perceived as real by Illuminati members, and they strike within them an unfathomable fear. As one of the big sources of fear, the guardians take their place as part of the control mechanisms to keep slaves in place. Polls taken by others, have found that 100% of Satanists have had an UFO experience, and report some type of 'alien' abduction. (The Programmers and the highest hierarchical level do not engage in polls while at the lower levels they are all programmed.) **The point is that [in the world we are now living in] there is a close relationship between UFOs and the occult world.**

The Theological Problems of Extraterrestrials

The dictation of August 22, 1943 from the Italian visionary Maria Valtorta reads: «« But how is it that they never thought that the 'Great Babylon' of which Saint John speaks represents the whole earth? It would be a very small God the Creator who would only have created the Earth as an inhabited world! With a trembling of My will I have created innumerable worlds from nothing and cast them, this luminous dust, into the vastness of the expanse. The Earth, of which you are so terribly proud, is just one of the grains of dust spinning in infinity, and though it may not be the largest, it is definitely the most degenerate. »»

From the visionary J.N.S.R. I'd like to add the following message of Aug. 20 2004, by the Lord: «« There are multitudes of galaxies. All [habitable] planets, just like the Earth, are inhabited by living beings who are all in God's Image. The planet Earth is the only place to have the experience that God alone is good and that without his Power and his Love the beings are doomed to disappear, for they are capable of self-destruction. Thus all will see God as the one worthy of being worshipped, loved and glorified. After the Earth-experience, the Realm of Love will extend to the entire Universe. Anyone on this earth who thinks he has to stand idly by as all this happens is mistaken: you are all actors and God alone is able to orchestrate each one individually, and you are all involved to the very end. »»

Signs of MPD (multiple personality disorder) were evident in every abduction, and it is notable that the abductees always willingly submitted to the commands of these 'higher beings'. Their wills are subservient to the will of the 'alien' [actually demons]. They receive messages in these scripts in altered states of consciousness. Some of the scripts are blatantly Satanic magic scripts and archaic sigils, but the majority are blatantly of human design. It stretches the imagination that most alien scripts would have a language and script that matches the English alphabet, with the same letter frequencies of English letters – that is 'a's' and 'm's', found in our language in abundance. It stretches the imagination passed the breaking point to think that aliens light years away with different vocal cords or whatever they have, evolved a script that corresponds to English, when our alphabet doesn't correspond to Greek, or Sanskrit, or Ogham that closely. Quite a few abductees have the 'aliens' give them more complex versions of their 'alien script' as they were getting older.

The simplified version is received when [the victim is still] a child, and then it evolves. It appears that there are now numerous programmers, who are simply concocting made-up scripts, and hypnotically telling their poor hapless victim that the script is alien. In

this respect, these scripts are really codes - not ‘alien scripts’. They are full of what are called follows. Follows are symbols that are similar to one another, which are a variation on a theme. Test results have shown that made-up scripts have many more follows than an actual real historical script. The occult world teaches that the Akasha record freezes all recorded information somewhere in the essence of space called the Reticulum Dei (the network of God). Everything down to the smallest is recorded in this way forever, we are told. The brainwashed victim, who actually takes his automatic writing and his information from deep in his programmed system, is led to believe that he took it from the Akashic record. The spiritual dynamics of the Programmer pretending [in a kind of hypnotic scéances] to be God is far-reaching.

In the world of biochemics, researchers have found that chemicals that resemble other natural body chemicals can be substituted for those original chemicals with far reaching effects. For instance, antihistamines do not destroy histamine; they resemble histamine enough that they occupy the cellular receptor sites where histamine molecules normally attach. Because the histamine molecules have had their attachment places stolen, they can’t interact with the cells and the reaction is thus prevented. Within the spiritual realm the very same thing happens. The Antichrist is less of a Christ destroyer as he is a Christ replacement. True spiritual power is replaced within the world by the religious spirit. Within Christianity, the counterfeit religious spirit has replaced many of the positions that should have gone to true faith. Thus, the power of true faith is destroyed by simply replacing it with a surrogate that occupies its position. The foundation for the false religious spirit are fear and pride, which are also the foundational pillars for Monarch Slave programming. The false religious spirit can be detected when someone quotes an admonishment and immediately knows how to apply it to others - but fails to apply it to him or herself.

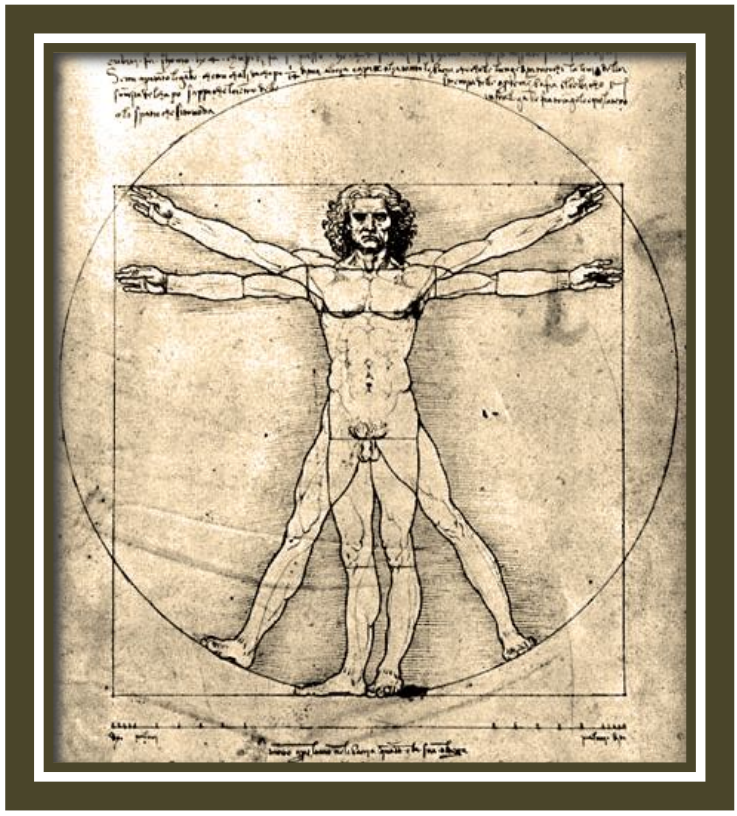
When a person sins (for example, Eli in the book of Samuel), the religious spirit will propel them to make a sacrifice to cover that sin (like Eli did). However, that religious zeal to cover sin by doing good and giving sacrificially of oneself, stems from the religious spirit - not the Holy Spirit. (1 Sam. 3:13-14). Religious zeal to cover sin is unacceptable for God Almighty, and sure enough Eli’s sons despised the offerings for the LORD. (1 Sam. 2:17)

APPENDIX 1

Mills' Grand Unified Theory of Classical Physics (GUT-CP)

Dr. Randell L. Mills discovered a method in which all the classical physical laws (Maxwell's Equations, Newton's Laws, Special and General Relativity Theory) hold on all scales. He joins the ranks of the truly great physicists in history. He says the following (See: http://brilliantlightpower.com/theory-overview/):

«« What many of the original modern physicists such as Einstein, Schrödinger, and De Broglie – as well as many chemists and physicists since the inception of quantum theory and the plethora of add-on theories – believed to be the ultimate physical reality can be belied. The new paradigm is the realization that according to "Mills' Theory" there are NO THEORIES of physics or chemistry. There are only the simple laws of Newton's Mechanics, Maxwell's equations of electricity, those of magnetism and electrodynamics, as well as the fundamental constants of nature. Laws are NOT THEORIES. They are directly confirmed, necessary and complete, and explain all physical observables on all scales. The Universe is deterministic and physical wherein the underlying laws and resulting phenomena can be described by corresponding exact equations; rather than the Universe being an indeterminate manifestation of probability mathematics. There is no Special Relativity Theory, no General Relativity Theory [here I disagree], no theory of



quantum mechanics, no quantum information theory, no theory of quantum electrodynamics, no extra dimensional theory, no quantum entanglement theory, no theory of Dirac mechanics, no theory of quantum chromodynamics, no Standard Model theory, no big bang theory, no inflation theory, no theory of dark

energy, no string theory, no supersymmetry theory, no quantum gravity theory, no Heitler-London theory, no Hartree-Fock theory, no density functional theory, no BSC theory, and so on and so on. There are no postulated principles or rules such as the Heisenberg Uncertainty Principle, Einstein Equivalence Principle of Frames of Inertia, Pauli Exclusion Principle, or Hawking Ignorance Principle or Hund's Rule. Theorems such as that of the Zeno No Go are not based in reality. All observables from quarks to cosmos, spanning all 85 orders of magnitude of scale, are predicted directly by the laws of the Universe in closed-form analytical expressions containing fundamental constants only. [Actually, Einstein's General Relativity started as a theory and evolved into a theorem once the Sackarov constant was introduced, because then the Einstein's General Relativity met all the observational requirements.]

In the atom, electrons are constantly accelerating around the proton in an atomic orbit. Yet, classical physics requires that accelerating charges radiate energy, which would cause the electron to spiral into the nucleus in a fraction of a second. This seminal problem of the stability of the atom was one of the key obstacles physicists faced early in the 20th century, and their inability to solve it led to the construction of quantum theory.

Mills solved the structure of the electron using classical physical laws, such that electron orbits were stable to radiation. This allowed Mills to construct a new theory of atoms and molecules that was based entirely on classical physics. And unlike other attempts in the 20th century, the result was not merely a 'hidden-variables' reinterpretation of the quantum formalism, but a ground-up reconstruction of atomic theory. This new model of the atom predicted the theoretical existence of the hydrino, or energy states of the hydrogen atom that exist below the -13.6 eV energy state of atomic hydrogen, which is the basis of Brilliant Light Power's power source (http://brilliantlightpower.com/). GUT-CP is not a 'hidden-variables' interpretation of the formalism of quantum theory, rather, it is a new classical theory based on Maxwell's Equations and Newton's Laws. »»

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To learn about Mills's theory and how it is used to solve thousands of experimental values that were beyond the reach of previous theory, see his book "The Grand Unified Theory of Classical Physics", downloadable at http://brilliantlightpower.com/book/

APPENDIX 2

Randell Mills's Model of the Atom and what follows...

Inspired by the findings of Max Planck, Niels Bohr, not able to come up with a solution to explain the stability of the atom, made the claim that there exists a ground state orbit in the hydrogen atom with higher orbits at fixed intervals from which an excited electron radiates energy, and thus falls back to the ground state quickly. The ground state was an axomiatic rule without an explanation and puzzled physicists because according to the rules of classical physics, as accepted at the time, the electron should fall back into the nucleus within a fraction of a second due to the emission of radiation, and matter known to exist in our world would have no possibility of existence. It was then decided not to think further about this problem, which was one of the reasons for the emergence of quantum mechanics, which is a purely mathematical approach with no regard for causation in the classical sense.

- **Excerpts from the book of Brett Holverstott:**

"Randell Mills and the Search for Hydrino Energy" # 2016

(Ch. 4 pp. 52-65): Mill's efforts began where Niels Bohr left off – with the problem of radiation. Only a trickle of lone voices, spread throughout the twentieth century still spoke about this problem; the authors often apologizing in their papers for binging up an unpopular topic, even while making progress.

So long as the electron is a point [as first thought], it 'had' to radiate [energy], and yet, the electron couldn't radiate [for then the atom would cease to exist]. The idea of a point ran deep; a point was easy to work with. But there are several problems with point charges, problems we continue to struggle with today. Since a point occupies no volume, the charge density at the center spikes to infinity. When that happens, so does the theoretical energy required to keep all that negative charge from blowing itself apart (the so-called 'self energy'). Though we can alleviate this with some mathematical artifice, the Dirac delta function, which keeps the value finite, this is less than satisfactory.

Only if you push the charge into a 'singularity', a point of infinitesemal size, does the problem seems to go away. But some theorists feel that all that this accomplishes is to sweep the problem under the rug. Of importance is that the electric field of a point faces all directions at once, a scenario physicists shrug off and call undefined.

The electron also has the property of spin, and a magnetic moment results from its spinning charge. A point can spin, but since all its mass and charge is contained in a point, it can't have any angular momentum. Without any moving charge, it can't have a magnetic field. In order to have a magnetic field, there must be a non-zero distance from the center of rotation. Aware of these issues, physicists turned away from point charges and began exploring the next best thing: 'spherical shells'.

Spherical shells have an intuitive appeal to physicists. They are easy to work with. They are spherically symmetrical and have volume and a suface area, which means that any charge smeared onto the outside of the sphere has a well-defined electric field, even if the charge density spikes at the suface. Most principles of physics can be illustrated well with spheres or spherical shells; the Swiss astrophysicist Fritz Zwicky even insulted a colleague thus: *"He is a spherical bastard: a bastard any way you look at him."*

(…) When the electron was discovered, the physics was already known to arrive at an understanding that spherical shells, even when made up of an accelerating mass need not expel radiation. [Non-accelerating masses follow a straight line.] We can speculate that if a high level of interest in classical models had been sustained, this understanding, as published by George Goedecke in 1964, would have evolved much earlier. Yet, quantum mechanics established a strong grip on the minds of physicists. (Goedecke: "Classically Radiatonless Motions and Possible Implications for Quantum Theory" # 1964)

Soon the theoretical elaboration of the stability of matter was brushed aside. The electron would have been exhaustively explored according to the classical approach; and thus the discussion room had become an empty hall, where the occasional contributor, decades later, heard only the reverberation of his own voice.

As the decades went by, electrical engineering and quantum theory diverged. The engineers did not realize they were doing real physics, while quantum theoreticians were not willing to admit the possibility that atomic theory had taken the wrong turn. They still believed the problems of the Bohr Model were 'in principle' insurmountable.

Hermann Haus was an engineer, and wasn't much interested in atomic theory. He was researching the theory behind the free electron laser. He gave a talk about it to his graduate class and mentioned his paper from 1986 on radiation. One of his students voiced an interest; Haus handed him a copy, called "On the radiation from point charges". The student was Randell Mills…

Mills started obsessing over what he had learned from Haus. Like prior theoreticians, who worked on the classical electron model, Millls was drawn to the idea that the electron was a spherical shell instead of a point. But Mills tried something different: he centered the shell on the proton, which [amazingly] had never been seriously thought about.

(…) Mills knew the electron couldn't be a point, because then it would radiate as it orbited along a curbed trajectory. But if he spread out the trajectories of the electron to form a continuous sphere [if added up together], the math would look very much the same, and it would avoid the radiation drain. (…) [The result was like a tangle of threads spun around at incredible speed.] There it was: an 'extended continuous electron shell', having a radius equal to the well-known Bohr distance of the hydrogen atom.[14)] (…) Since [in the force field] the shell was centered on the proton, the proton kept the electron tightly bound to itself. (…) Also, by mathematically describing the pattern of current loops on the sphere, Mills could account for the spin of the electron and its unusual behavior in a magnetic field.

(…) When Mills calculated what the energies of the excited state orbits would be, he found the same that the Bohr model had found; the same that the quantum-mechanical model had found; the same that, in the early years of the 20th century, Rydberg had seen in the spectral lines of hydrogen. Mills matched our best predictions of the hydrogen atom, but with the first-ever internally consistent model based on classical physics.

"I was extremely excited", Mills told the BBC in 1994, *"and there were times when I was driving home and thought: O god, I'm the only one in the world who actually knows of this solution. I should call my friend and tell him. What would happen if I crashed on the road and no one discovered this for another hundred years?"*

(…) Mills's model not only calculated the ground and excited states of hydrogen, but correctly calculated the ground state of helium; something that after a century of work, quantum mechanics could still not do accurately.

(…) Mills had found a winning strategy. In time, it would be expanded, with atoms and molecules falling to his equations effortlessly, replacing all of the overburdened scaffolding of quantum mechanics.

(Ch. 8 pp. 139-145): Mills had modeled the electron in the hydrogen atom as a thin extended membrane of moving charge, a spherical shell surrounding the nucleus that remains stable to radiation even while the currents cirumnavigating the sphere are in a constant state of acceleration.

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14) It must be said that such is only possible if we assign a memory effect into reality of the 'threads' being spun, which dissipates to zero in a fraction of a second or ceases abruptly after say a trillionth of a second (being replaced by new effects); this is not comparable to the problem of the Bohr distance, because such en effect, if ever observed, has no place in the equations known to us. But nevertheless, it is implicit to the so-called "extended continuous distribution".

(…) The great failure of quantum mechanics is that it has failed to properly describe the interactions between electrons through the forces that cause them to organize themselves in the atom. [Take for instance helium, a relatively simple molecule, which comes right after hydrogen in the periodic system of elements.] Both electrons in the helium atom pair up and occupy the same orbit. Although both electrons are made up of negative charge, and therefore repel, the charge of the inner electron only partially shields that of the nucleus; so the second electron still feels a remaining positive charge. And the electrons are attracted to each other magnetically due to their spins, like two loops of electricity in which they attract each other as they move in opposite directions. This attraction helps pull them together, in a single shell, …one electron at an infinitesimally greater distance than the other. [?]

(…) Mills's equation is a simple force balance equation with three terms, one for the attraction between the proton an the electron, one for the outward inertia of the electron's motion, and one for the diamagnetic attraction between the electron spins. Its solution matched the energy of the ground state of helium exactly (Mills 2008/2015, Ch. 7), [which, during a century of hard work, quantum mechanics could not solve satisfactory].

Solutions flow naturally from a good theory and they reveals old theories to be what they often are: cumbersome, inflated, and ineffective. For example, in quantum chemistry, the extent to which an inner electron shields the charge of the nucleus on the outer electrons is called 'effective nuclear charge', defined by stand-alone empirical rules, introduced in 1930 by by John Slater and called Slater's rules. These rules tell that electrons shield the nucleus by about 35% unless we are talking about helium, in which case we make a special exception: 30% [to which no fundamental explanation is given].

Slater's rules have become something of a fudge factor and their values can be manipulated arbitrarily in order to get the right answers. In the realm of theoretical derivation, you ought not to take anything for granted. At every successive step we strive for clear physical reasoning, not rules justified only by the results they obtain. When [according to the quantum mechanical calculations] electrons form overlapping clouds of electron density, the conceptual and mathematical complications are daunting, and we are forced to use rules of thumb. But Mills's model of the electron produces a rule that is very clear and simple: each electron completely shields one proton for all outer electrons, and that's it. Another reason to love spherical balls.

Mills's equations not only allowed him to calculate the ionization energy of the ground state of helium, but the excited state energies too, something quantum mechanics only recently calculated with some degree of accuracy. In helium exist not one, but two electrons that can be excited to larger orbits. And like hydrogen, there are hundreds of these excited energies, and those have also been measured.

In the quantum calculations, theoreticians have always felt of being between a rock and a hard place. If the electron is considered a quantum object, it is a spread-out region of electron density that overlaps other electrons in mysterious ways. But when considered classically, like a particle, the theoreticians had to solve a 'three-body' problem: two electrons plus a nucleus, all interacting with one another. Three body problems may not have a clear analytical solution. Typically you need a computer to solve such problems in small steps. Calculate the forces, move the objects slightly, recalculate the forces, and so on. The bodies may orbit each other forever without getting back to where they started.

Mills's nested shells, however, simplified this process to a force equation along one dimension, along a straight line, as if we take all three particles and stick them on a skewer, allowing them to move only inward or outward along the skewer.

Element number two, helium, is relatively uncommon on earth due to its extreme lightness and thus tendency to diffuse out of the upper atmospherical layers, but it is the second most abundant element in the universe after hydrogen. This is because it is a by-product of the primary combustion process in a star or sun. Nuclear fusion of hydrogen to helium takes place in a star only half the size of our sun. As a result of its chemical inertness, this was the last series of elements to be discovered, and among the most diffi-

cult to isolate. Indeed, helium, derived from the Greek helios (Sun), was first observed in the spectrum of the Sun before it was found on earth. (Hydrino, smaller and much more inert, has proven even more difficult to find!)

The diamagnetic force that keeps the two electrons paired is so strong that helium forms a very small electron shell, about half the size of the hydrogen atom. This strong shell means helium is unhappy about giving up an electron to form a bond with another atom, and therefore the element is inert. It is for this reason that helium occupies the rightmost column of the periodic table of elements, which it shares with neon, argon, krypton, xenon, and radon, collectively the noble gases, all of which have a highly stable, filled outer shell of electrons.

The next atom in the periodic table, lithium, with three protons and three electrons, has two electrons paired comfortably. The third electron forms a new, concentric shell, at a larger radius, as the other alkali metals in the periodic table. This electron is easy to strip, and in nature the alkali metals seem to prefer it gone, so that the atom becomes a positively-charged ion, which, when combined with a negatively-charged anion, is good at forming salts.

Beryllium, the next atom, number 4, adds another electron to the outer shell. The atom after it, boron, forms an extra shell again, although it is not like the others: it has 'no' uniformly distributed charge on its suface. It has regions of high and low charge density forming symetrical patterns, called spherical harmonics. There are an unending series of harmonic modes – the simplest with two patches of vibration, the second, four patches, the next, ten, and so on – described by equations also used by quantum theory. (Spherical harmonic variations in charge density also come about in excited states.)

(…) The structure of atomic orbitals through the periodic table is well known from experiment. And spherical harmonics are also well known; quantum mechanics uses them to predict features of chemical reactiviy. However, instead of the three-dimensional spatial patterns of probability density described by quantum mechanics, Mills's spherical harmonics are charge density variations, confined to the 'surface' of a sphere.

Another difference is that in addition to the 'angular' variations in density that depend on the angular momentum, quantum mechanics also applies 'radial' variations in density that change while going outward from the center, [thus forming an electron cloud consisting of a probability distribution in which the electron may be located]. These radial functions do not exist in Mills's model; instead, the radius of the outer electron shell provides a discrete size to each atom. Again, Mills's theory eliminates rules of thumb.

The Pauli Exclusion Principle states that no two electrons can occupy the same 'quantum state', i.e., the same atomic orbital subshell along with the same spherical harmonic pattern, and the same spin, at the same time. Why is this? Because, as Mills shows, nature rejects it as an energetically unfavorable positon.

Hund's Rule gives us the order in which the electrons will fill the different atomic orbitals. According to Mills, there is no need for a rule, for this is pure electrodynamics: electrons will always occupy the lowest [available] energy configuration.

Mills raced ahead with his theory in the early nineties, configuring the structure of boron, carbon, nitrogen, oxygen, fluorine, neon, sodium, magnesium, aluminum, silicon, phosphorus, sulfur, chlorine, argon, potassium, and calcium – calcium has 20 electrons. (Mills 2015/2005, Ch. 10) He calculated in the periodic table up to calcium the energy required to strip each electron individually of its atom, plus cations (positively charged ions). His hundreds of solutions matched the experimental observations up to a fantastic accuracy, typically up to 5 significant figures, which is within experimental uncertainty.

The only limit implicit in Mills's simple equations was the propagation of the margin of error due to the experimental measurements of the physical constants of nature. The more accurate the fundamental constants, the more accurate our calculations will be.

These results were so good, so perfect, that statisticians told Mills that one could never hope to produce so good a fit to the physical data through pure mathematical means. It was, in a manner of speaking, 'statistically indicative' of the correctness of his method.

I made quick work of taking Mills's solutions and arranging them into the first-ever periodic table showing the true relative sizes and structures of the atoms; a graphic that is bound to appear in our chemistry textbooks for… well, for 'forever'.

(…) Mills's approach was, unlike quantum theory, also compatible with special relativity. As you walk up the periodic table to higher elements, the magnetic fields of all the outer electron shells begins to squeeze the inner orbitals. (…) As they do so, they must preserve their total angular momentum, so the electrons spin faster [in those smaller orbitals]. For heavy elements, the spin becomes relativistic. When corrected with relativity Mills's solutions actually 'improve' marginally. This is to be expected from a good theory. Shrödinger himself expected a good theory of the atom to be compatible with relativity; he knew that the Shrödinger equation was not and was never happy with it.

With such great success at predicting energies, why did Mills stop at calcium? After all, he was on a roll. He could have kept going through all the elements, but he had largely exhaused the supply of experimental data that until then scientific research had amassed. If he solved the 40-electron atom, he would only be able to compare his 40 ionization energies to just a few reported numbers. There is little point in rote calculation unless you have experimental data with which to compare. And he had launched so far beyond the computational potential of quantum mechanics, that doing more would be the theorists' equivalent of beating a dead horse.

(…) When it dawned on me that Mills might be right, not just about the hydrino,*) but about everything else, it meant his work is vastly more important then what is happening elsewhere in the world of science and technology. With this realization I started to feel uneasy because of the opposing majority, and there was a creeping doubt that I was missing something obvious. Yet the alternative, described by quantum theory, does not seem real. I believe that nature is, at its root, simple and knowable, with an incredible, beautiful geometric order on all scales, what Einstein once called *"the perfect structure"*.

---

*) Randell Mills predicted the existence of Hydrinos – downsized Hydrogen configurations that are non-radiative but in its genesis release tremendous amounts of energy to certain well defined catalysts. It has to release energy, for a smaller perimeter commands a lower energy state; the highest release is reached at the first stage of one half, or ½; the other stages just being incremental (1/3, ¼, 1/5, etc.). The Hydrino genesis releases on average 200x the energy in form of light, compared to the combustion of Hydrogen. The light is converted to electricity by photovoltaic cells, already in existence. This discovery has led to a new energy source that is ready for commercial introduction after more than 25 years of research. It has also given rise to exciting new Hydrino materials. In all likelyhood Mills discovered the secret to the overwhelming amount of Black Matter in the Universe that could be made up of Hydrinos.

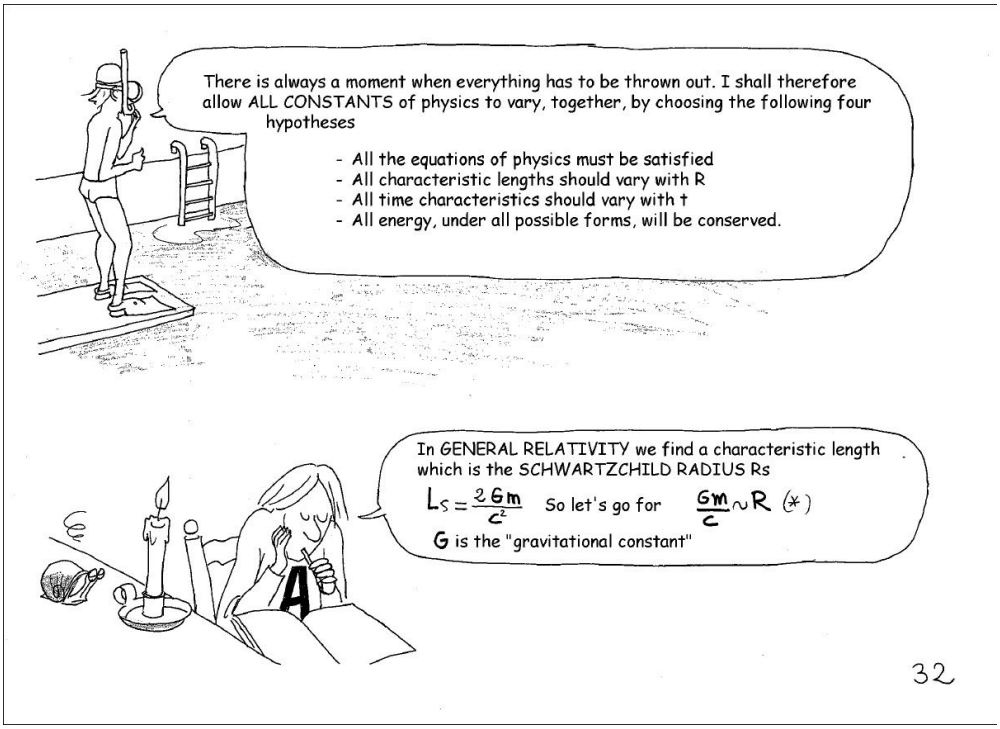
Randell Mills calculated the true ground state of the atom, an orbit with a radius of 1/137 of the Bohr radius, because then the speed of the electron equals almost the speed of light. (Mills 2015, Ch. 28) A lower radius (1/138) would mean for the electron a speed faster than the speed of light, which is impossible. This relates to the fine structure constant or Sommerfeld's constant of 0.007297 (or 1/137.035), denoted by the symbol alpha, that can be expressed as a combination of other constants and seems to pop-up everywhere. Something magical happens at this radius: the electron's rest mass then becomes 511 keV (kiloelectronvolt), just like the magnetic field energy and the energy calculated by the Planck-Einstein equation (using a wavelength corresponding to the circulating charge on the sphere), and finally, it equates the electron-positron annihilation emission as observed in our galaxy.

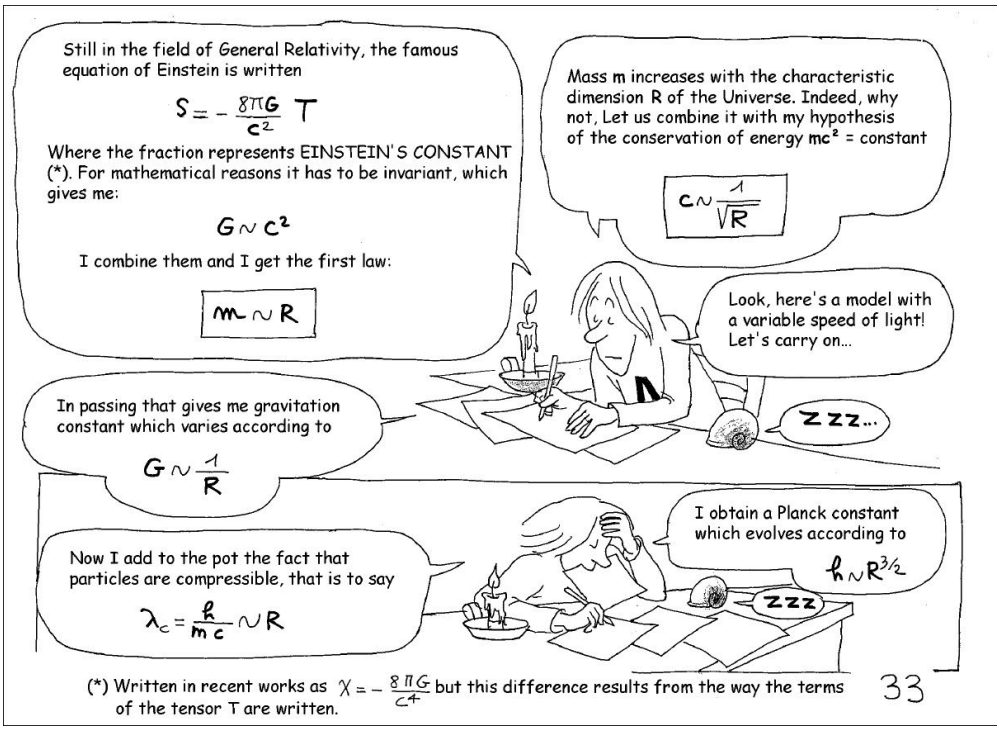
Electrons jump from quantum moment to quantum moment within a torus, creating an ultra-fine tissue, an energy shell, which, according to an equation by the famous physicist Hermann Haus from the Massachusetts Institute of Technology, is radiation neutral on the basis of "the conservation of angular momentum", i.e. without energy loss. This has been further elaborated by Professor Ph. M. Kanarev in "Model of the Electron" (Apeiron Physics Journal Vol. 7 Nr. 3-4, July-Oct 2000). In it he states (p. 192): "[The geometrical movement of the rotating] electron has the form of the rotating hollow torus. Its structure proves to be stable due to the availability of two rotations [that are perpendicular to each other]."

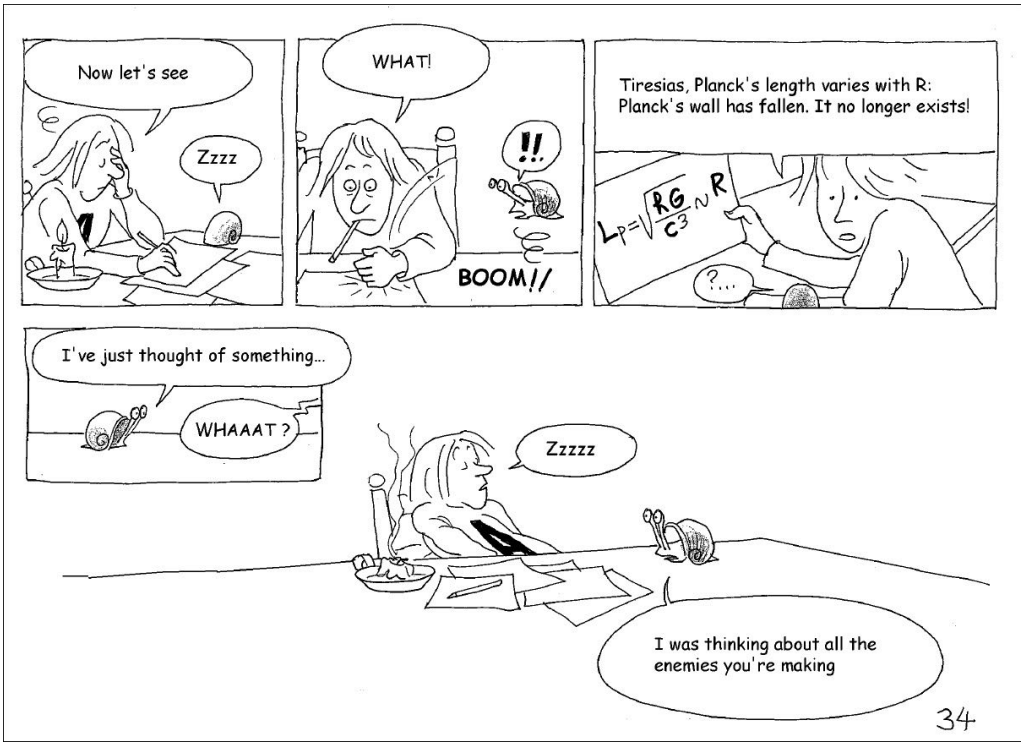
APPENDIX 3

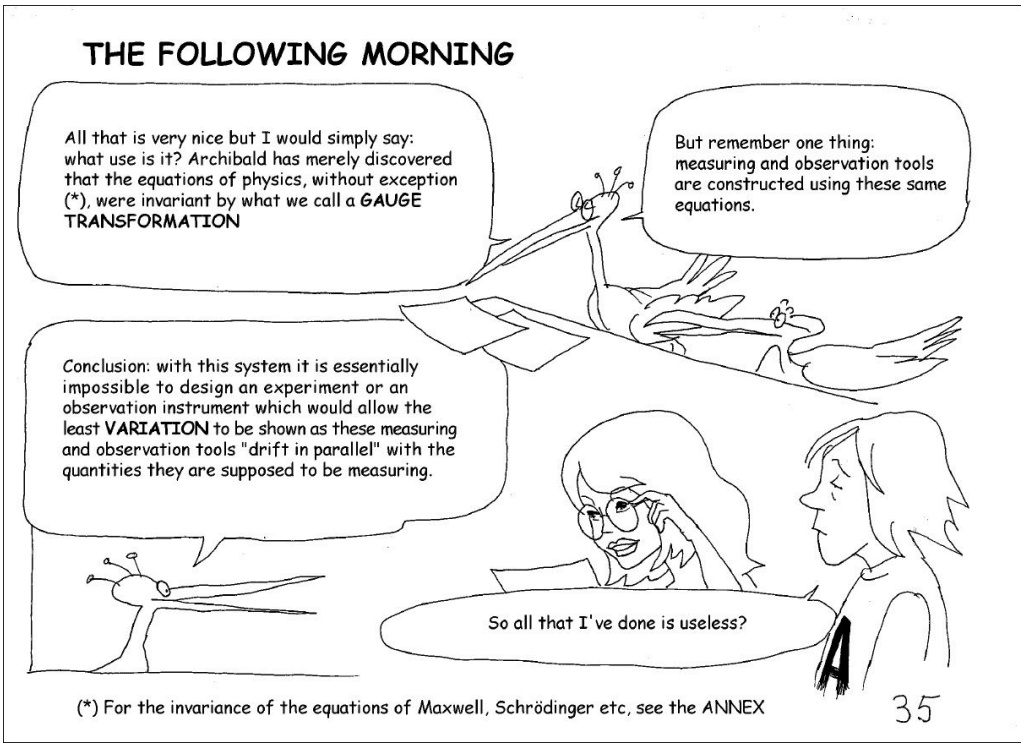
ENCLOSED IS AN EXPLANATION BY JEAN-PIERRE PETIT ABOUT HIS COSMOLOGICAL MODEL

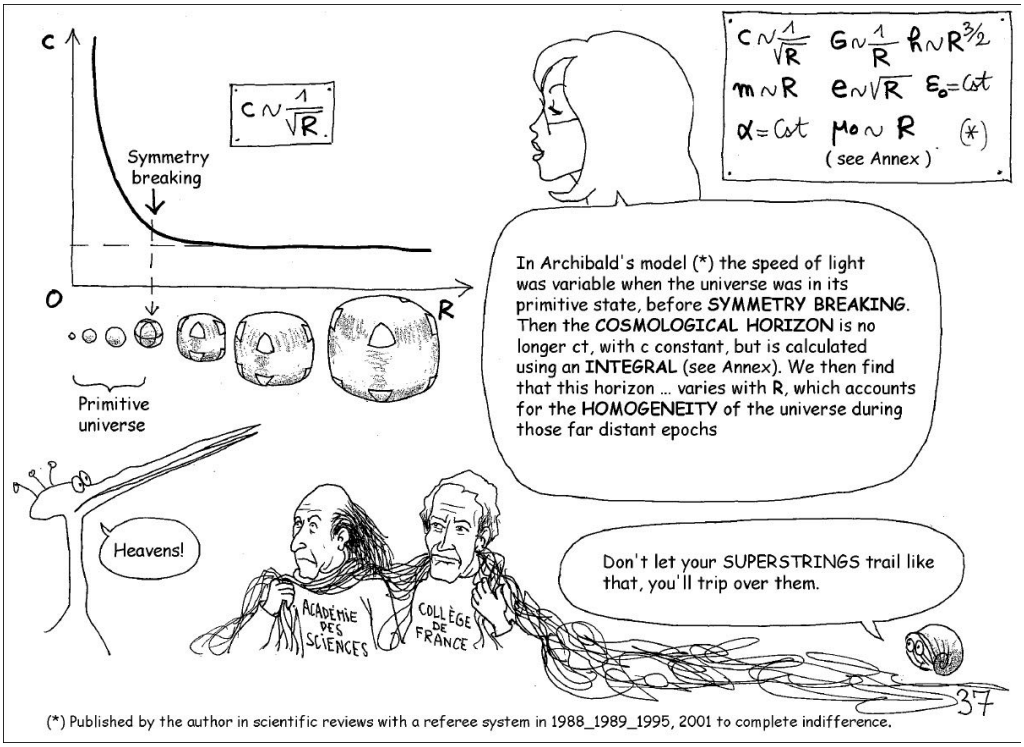
Taken from the website of Jean-Pierre Petit:
http://www.savoir-sans-frontieres.com - (pdf: Faster than Light)


There is always a moment when everything has to be thrown out. I shall therefore allow ALL CONSTANTS of physics to vary, together, by choosing the following four hypotheses
- All the equations of physics must be satisfied
- All characteristic lengths should vary with R
- All time characteristics should vary with t
- All energy, under all possible forms, will be conserved.
In GENERAL RELATIVITY we find a characteristic length which is the SCHWARTZCHILD RADIUS Rs
$L_S = \frac{2Gm}{c^2}$ So let's go for $\frac{Gm}{c} \sim R$ (*)
G is the "gravitational constant"
32


Still in the field of General Relativity, the famous equation of Einstein is written
$S = -\frac{8\pi G}{c^2} T$
Where the fraction represents EINSTEIN'S CONSTANT (*). For mathematical reasons it has to be invariant, which gives me:
$G \sim c^2$
I combine them and I get the first law:
$m \sim R$
Mass m increases with the characteristic dimension R of the Universe. Indeed, why not, Let us combine it with my hypothesis of the conservation of energy mc^2 = constant
$c \sim \frac{1}{\sqrt{R}}$
Look, here's a model with a variable speed of light! Let's carry on...
Zzz...
In passing that gives me gravitation constant which varies according to
$G \sim \frac{1}{R}$
I obtain a Planck constant which evolves according to
$h \sim R^{3/2}$
Now I add to the pot the fact that particles are compressible, that is to say
$\lambda_c = \frac{h}{mc} \sim R$
Zzz
(*) Written in recent works as $\chi = -\frac{8\pi G}{c^4}$ but this difference results from the way the terms of the tensor T are written.
33


Now let's see
Zzzz
WHAT!
!!
BOOM!!
Tiresias, Planck's length varies with R:
Planck's wall has fallen. It no longer exists!
?...
I've just thought of something...
WHAAAT ?
Zzzzz
I was thinking about all the enemies you're making
34


THE FOLLOWING MORNING
All that is very nice but I would simply say: what use is it? Archibald has merely discovered that the equations of physics, without exception (*), were invariant by what we call a GAUGE TRANSFORMATION
But remember one thing: measuring and observation tools are constructed using these same equations.
Conclusion: with this system it is essentially impossible to design an experiment or an observation instrument which would allow the least VARIATION to be shown as these measuring and observation tools "drift in parallel" with the quantities they are supposed to be measuring.
So all that I've done is useless?
(*) For the invariance of the equations of Maxwell, Schrödinger etc, see the ANNEX
35


c
$c \sim \frac{1}{\sqrt{R}}$
Symmetry breaking
0
R
Primitive universe
$c \sim \frac{1}{\sqrt{R}}$ $G \sim \frac{1}{R}$ $\rho \sim R^{3/2}$
$m \sim R$ $e \sim \sqrt{R}$ $\varepsilon_0 = Cst$
$\alpha = Cst$ $\mu_0 \sim R$ (*)
(see Annex)
In Archibald's model (*) the speed of light was variable when the universe was in its primitive state, before SYMMETRY BREAKING. Then the COSMOLOGICAL HORIZON is no longer ct, with c constant, but is calculated using an INTEGRAL (see Annex). We then find that this horizon ... varies with R, which accounts for the HOMOGENEITY of the universe during those far distant epochs
Heavens!
ACADÉMIE DES SCIENCES
COLLÈGE DE FRANCE
Don't let your SUPERSTRINGS trail like that, you'll trip over them.
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(*) Published by the author in scientific reviews with a referee system in 1988_1989_1995, 2001 to complete indifference.

ANNEX

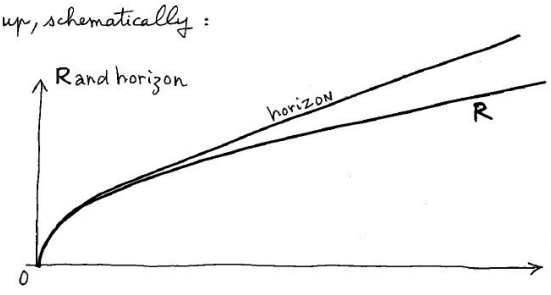
First let us calculate the **COSMOLOGICAL HORIZON**

when the speed of light can be considered as an absolute constant : horizon = ct

In the early universe $c \sim \frac{1}{\sqrt{R}}$ so that horizon = $\int_0^{t(present)} c(t)\,dt \sim \int_0^{t(present)} \frac{dt}{\sqrt{R}}$

but $t \sim R^{3/2} \Rightarrow dt \sim \sqrt{R}\,dR \Rightarrow$ horizon $\sim \int_0^{R(present)} dR = R$ horizon $\sim R$

To sum up, schematically :



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FUNDAMENTAL GAUGE RELATIONSHIP

As an example, consider the Maxwell equations

$$\boxed{\nabla \times B = -\frac{1}{c^2}\frac{\partial E}{\partial t}} \quad \boxed{\nabla \times E = -\frac{\partial B}{\partial t}} \quad \boxed{\nabla \cdot B = 0} \quad \boxed{\nabla \cdot E = \frac{\rho_e}{\varepsilon_0}}$$

Consider the two first equations. Put it in a generalized adimensional form.

$$B = \mathbf{B}\beta \; ; \; E = \mathbf{E}\varepsilon \; ; \; c = \mathbf{c}\xi \; ; \; t = \mathbf{t}\tau \; ; \; \frac{\partial}{\partial t} = \frac{1}{\mathbf{t}}\frac{\partial}{\partial \tau}$$

$$\nabla = \begin{cases} \frac{\partial}{\partial x_1} = \frac{1}{R}\frac{\partial}{\partial \xi_1} \\ \frac{\partial}{\partial x_2} = \frac{1}{R}\frac{\partial}{\partial \xi_2} \\ \frac{\partial}{\partial x_3} = \frac{1}{R}\frac{\partial}{\partial \xi_3} \end{cases} \quad \text{write } \delta \begin{cases} \frac{\partial}{\partial \xi_1} \\ \frac{\partial}{\partial \xi_2} \\ \frac{\partial}{\partial \xi_3} \end{cases} \quad \left| \begin{array}{l} \frac{\mathbf{B}}{R}\delta \times \beta = -\frac{\mathbf{E}}{c^2 t}\frac{\partial \varepsilon}{\xi^2 \partial \tau} \\ \\ \frac{\mathbf{E}}{R}\delta \times \varepsilon = -\frac{\mathbf{B}}{t}\frac{\partial \beta}{\partial \tau} \end{array} \right.$$

combining the two $\Rightarrow$ $\boxed{R = c\,t}$ which fits the former calculations

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Introduce Bohr's radius :

$$R_b = \frac{\hbar^2}{m_e e^2} \sim R \; ; \; m_e \sim m \sim R \; ; \; e \sim \frac{\hbar}{R} \; ; \; \hbar \sim R^{3/2} \rightarrow \boxed{e \sim \sqrt{R}}$$

The fine structure constant α rules the geometry of the atoms.
If we choose to keep it constant we get :

$$\alpha = \frac{e}{\varepsilon_0 \hbar c} = Cst \Rightarrow \boxed{\varepsilon_0 = \text{Constant}}$$

ε_0 and μ_0 are linked through $c = \frac{1}{\sqrt{\varepsilon_0 \mu_0}}$ whence $\boxed{\mu_0 \sim R}$

We assumed that all kinds of energies are conserved. The pressure is a density of energy so that :

$$E_{magnet} = R^3 \frac{B^2}{2\mu_0} = Cst \Rightarrow \boxed{B \sim \frac{1}{R}}$$

$$E_{electr} = R^3 \varepsilon_0 E^2 = Cst \Rightarrow \boxed{E \sim \frac{1}{R^{3/2}}}$$

$$\Rightarrow \frac{E}{B} = \frac{1}{\sqrt{R}}$$

From Maxwell equations we got : $\frac{E}{B} \sim \frac{R}{t} \sim \frac{1}{\sqrt{R}}$ OK

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Thermal velocity V

The kinetic energy is $\frac{1}{2}mV^2$. If conserved $\boxed{V \sim \frac{1}{\sqrt{R}} \sim c}$

Mass density

$\rho = n\,m$ Assume the conservation of the number of species $n R^3 = cst$

$\boxed{\rho \sim \frac{1}{R^2}}$ Have a look to the Jeans length $L_J = \frac{V}{\sqrt{4\pi G \rho m}}$

We find $L_J \sim R$

Similarly t_J (Jeans time) $= \frac{1}{\sqrt{4\pi G \rho}} \sim t$

Everywhere the gauge transform hypothesis is consistent to our results in various fields

We can check it for a lot of things, like cross sections $\sim R^2$

Debye length $\sim R$, and so on.

To finish the job we have to examine the link with our bimetric model

(See THE TWIN UNIVERSE)

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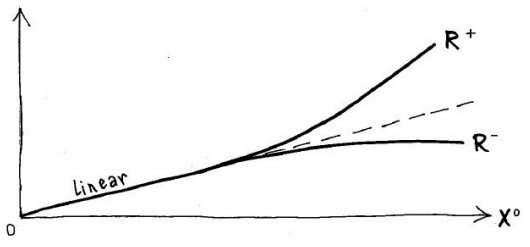
In this model we have two space scale factor R^+ and R^-. The solution of the coupled field equations provided the coupled differential equation system :

$$\begin{cases} R^{+\prime\prime} = \frac{1}{R^{+2}}\left[\frac{R^{+3}}{R^{-3}} - 1\right] \\ R^{-\prime\prime} = \frac{1}{R^{-2}}\left[\frac{R^{-3}}{R^{+3}} - 1\right] \end{cases}$$

that explained the "black energy" effect :



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LORENTZ iNVARiANCE

In the early time the solution is linear $R^+ = R^- \sim x^0$

As pointed out in **THE TWIN UNIVERSE** this cosmological solution is based on homogeneity and isotropy, plus flatness (curvature index $k=0$) so that the metrics are Robertson Walker metrics.

$$ds^2 = dx^{0^2} - R^2\left[du^2 + u^2 d\theta^2 + \sin^2\theta\, d\varphi^2\right]$$

Back to cartesian coordinates: $ds^2 = dx^{0^2} - dx^2 - dy^2 - dz^2$

this space-time is locally **LORENTZ iNVARiANT**

To make the link wi our variable speed of light model we write =

$$x^0 \sim R \;;\; dx^0 \sim dR \sim t^{-\frac{1}{3}} dt \sim \frac{dt}{\sqrt{R}} \sim c(t)\,dt$$

This links with the classical identification $x^0 = ct$ when c becomes constant

Before the symmetry breaking = $dx^0 \sim t^{-\frac{1}{3}} dt \Rightarrow x^0 \sim t^{\frac{2}{3}}$

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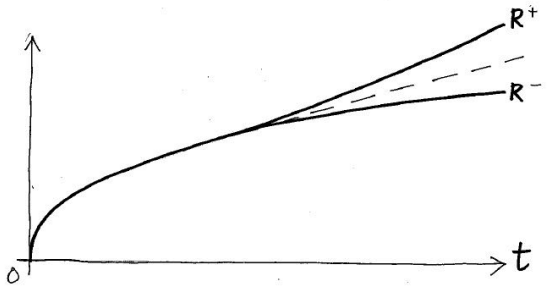
EVOLUTiON

We can draw the evolution versus the physical time t, as defined above



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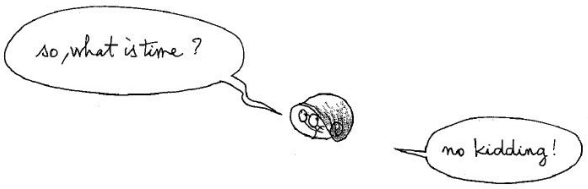
ZENO'S PARADOX

Consider a "clock" composed by two masses orbiting around their common center of gravity

The period is $\tau = \frac{2\pi r^{3/2}}{\sqrt{Gm}}$ $\quad Gm = Cst \quad r \sim R \quad \tau \sim t \sim R^{3/2}$

Calculate the number of turns N of this clock since the time $t=0$ to the present time

$$N = \int_0^{R_0} \frac{dR}{R^{3/2}} = \left[\frac{1}{\sqrt{R}}\right]_0^{R_0} = \text{infinite!}$$



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Frozen Time, by Alex Algo

APPENDIX 4

Andrej Sackarov's and Jean-Pierre Petit's Cosmological Model

Sackarov's point of departure, including that of Jean-Pierre Petit, was as follows: (the point of departure is comprehensible to the ordinary mortal. However, the mathematical manipulations within the framework of the theory of relativity are only comprehensible to those who thereto have followed a university education.)

Andrei Sackarov (1921-1989)

The theory of relativity uses the so-called Einstein constant, which is a crucial part of that theory. That is G/c^2, or gravity divided by the speed of light squared. Because according to our observations the speed of light accelerates towards the starting point of the Universe (the so-called 'red shift' phenomenon), it must follow a law of nature. You may be surprised that the speed of light varies because they taught you differently, but Einstein himself never said that the speed of light is always constant. In a book that he revised in 1952 and called "Relativity - the Special and the General Theory", Einstein makes in chap. 22 the following interesting remark: *"According to the General Theory of Realtivity, the law of the constancy of the velocity of light 'in vacuo', which constitutes one of the two fundamental assumptions in the Special Theory of Relativity, cannot claim any unlimited validity."*

Sackarov determined the law with which light varies by introducing a new cosmological constant: Rc^2, in which R represents the radius of the material Universe with a value, as of now, of «1». R is a kind of chronological parameter, implying that as the Universe shrinks, so going back in time, the speed of light increases.

Not only does the speed of light increases, but time too, or rather: the steps in time are getting shorter and shorter. A second hand of a clock in which the bars for each second are getting closer together will never go around the hand, i.e. never reach the zero point, while it moves to the next bar every second. Of course, on a regular clock the zero point is reached again after 60 bars.

The introduction of this new constant turned out to be a bull's eye. Suddenly all observations turned out to be correct and a number of other conclusions emerged that had always been sought. One of those conclusions was that the Universe is always expanding and will never fall back on itself like a ball thrown upwards that turns back again.

As far as the immutable laws of the Universe are concerned, God always appears to work through very simple principles, which in their interaction lead to complex situations. The real scientist can only marvel at this and sing God's praises for the magnificence of his creation.

APPENDIX 5

The speed of light has steadily been declining since the dawn of time

This is an amplified and amended article by Chris Bennet, that was placed on the Internet (2009, WorldNetDaily.com). He explains that as early as 1979 an Australian student in physics and geography, Barry Setterfield, thought it would be interesting to chart all the different measurements of the speed of light, that started with a 17th century Danish astronomer, Olaf Roemer (Ole Rømer). In 1676 he took the first measurements of the speed of light.

In the following years Setterfield acquired data on over 163 measurements that were using 16 different methods over a time span of 300 years, excluding those of Roemer, which he considered unreliable. The early measurements typically tracked the eclipses of the moons of Jupiter when the planet was near the Earth and compared it with observations when the planet was farther away. These observations were standard, simple and repeatable, and have been measured by astronomers since the invention of the telescope. These are demonstrated to astronomy students even today.

The early astronomers kept meticulous notes and sketches, many of which are still available. Setterfield expected to see the recorded speeds grouped around the accepted value for light speed, roughly 299,792 kilometers /second. In simple terms, half of the historic measurements should have been higher and half should be lower. What he found defied belief. The derived light velocities from the early measurements were significantly higher than today. Even more intriguing, the older the observation, the faster the speed of light. A sampling of these values is listed below: (see also: setterfield.org)

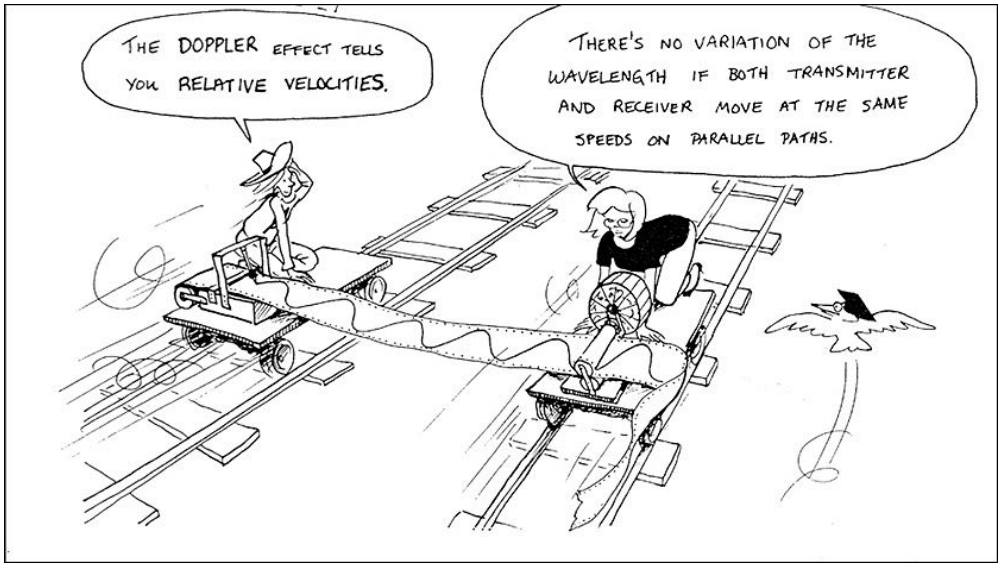
- In 1738: 303.320 +/- 310 km/second
- In 1861: 300.050 +/- 60 km/second
- In 1877: 299.921 +/- 13 km/second
- In 2004: 299.792 km/second (accepted constant)

Setterfield teamed with statistician Dr. Trevor Norman who demonstrated that, even allowing for the clumsiness of early experiments, and correcting for the multiple lenses of early telescopes and other factors related to technology, the speed of light was discernibly higher 100 years ago, and as much as 1.17% higher in the 1700s. Dr. Norman confirmed that the measurements were statistically significant with a confidence level of more than 99%. After extensive peer review Setterfield and Norman published their results in July 1987 at the SRI International. (SRI International was founded as the Stanford Research Institute. It separated from Stanford University in the seventies.)

During 2002 and 2003, Dr. Joao Magueijo, a physicist at Imperial College in London, Dr. John Barrow of Cambridge, Dr. Andy Albrecht of UC Davis (University of California) and Dr. John Moffat of the University of Toronto have all published work advocating their belief that light speed was much higher – as much as 10 to the 10th power faster – in the early stages of the Big Bang than it is today, which was an extension of the work of the Russian theoretical physicist, Dr. V.S. Troitskii, in 1987. They believed, with the exception of John Barrow, that the speed of light was faster only in the instants following the very first beginnings of time. But those 'beliefs' were not based on measurements, but on mathematical equations.

However, Setterfield and others believe, based on measurements, that the speed of light has steadily been declining from the very beginnings up to the present time, though a remark is in order here. The decline has not been continuous over time, as measurements have indicated: a minimum value was reached around 1970/1980, and since then the speed has been increasing again, teaming up with many other cosmological constants.

Using the aberration method, C. Barnet et al. reported in 1985 that light from distant quasars arrive here with the same velocity as light from nearby stars. That seems to be a problem, for they concluded that the velocity of light had remained constant to within 0.4% throughout the life of the Universe. However, as Barry Setterfield remarked, these results do not necessarily set limits on a cosmological variation of the velocity of light, but rather affirm the principle that the light velocity has a universal value at any given time t (or time capsule). See: "The Aberration Constant for QSOs" by C. Barnet, R. Davis and W. L. Sanders - Astrophysical Journal 295 # Aug. 1985 (pp. 24-27).


THE DOPPLER EFFECT TELLS YOU RELATIVE VELOCITIES.
THERE'S NO VARIATION OF THE WAVELENGTH IF BOTH TRANSMITTER AND RECEIVER MOVE AT THE SAME SPEEDS ON PARALLEL PATHS.

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Four other major observed anomalies are consistent with a slowing of the speed of light, as Setterfield pointed out:

1. quantized red-shift observations from other galaxies;
2. measured changes in atomic masses over time;
3. measured changes in the Planck's Constant over timed;
4. and differences between time as measured by the atomic clock, and time as measured by the orbits of the planets in our solar system.

See: "The Atomic Constants, Light, and Time" by Barry Setterfield and Trevor Norman© Aug. 1987, as had been prepared for Lambert T. Dolphin, a Senior Research Physicist.

Albert Einstein on faith: ‘Arch rationalist or scientist with a spiritual core?’

May 13, 2008, 11:23AM, Einstein letter up for auction by Bloomsbury

A letter being auctioned in London this week adds more fuel to the long-simmering debate about the Nobel prize-winning physicist’s religious views. In the note, written the year before his death, Einstein dismissed the idea of God as the product of human weakness and described the Bible as ‘pretty childish’. The letter being auctioned, handwritten in German, is being sold by Bloomsbury Auctions on thursday and is expected to fetch between $12,000 and $16,000. Bloomsbury spokesman Richard Caton said the auction house was ‘100 percent certain’ of the letter’s authenticity. It is being offered at auction for the first time, by a private vendor.

By **Jill Lawless**, Associated Press Writer, © 2008 - The Associated Press

Einstein, who helped unravel the mysteries of the Universe with his theory of relativity, expressed complex and arguably contradictory views on faith, perceiving the Universe as suffused with spirituality while rejecting organized religion.

The letter up for sale, written to philosopher Eric Gutkind in January 1954, suggests his views on religion did not mellow with age. In it, Einstein said that:

> «« (…) the word God is for me nothing more than the expression and product of human weaknesses, the Bible a collection of honorable but still primitive legends which are nevertheless pretty childish. For me (he added) the Jewish religion like all other religions is an incarnation of the most childish superstitions. »»

Regarding the idea that the Jews are God’s chosen people, Einstein wrote:

> «« (…) the Jewish people to whom I gladly belong and with whose mentality I have a deep affinity have no different quality for me than all other people. As far as my experience goes, they are also no better than other human groups, although they are protected from the worst cancers by a lack of power. Otherwise I cannot see anything ‘chosen’ about them. »»

John Brooke, emeritus professor of science and religion at Oxford University, said the letter lends weight to the notion that *“Einstein was not a conventional theist”*, although he was not an atheist, either. *“Like many great scientists of the past, he is rather quirky about religion, and not always consistent from one period to another”,* Brooke said.

Born to a Jewish family in Germany in 1879, Einstein said he went through a devout phase as a child before beginning to question conventional religion at the age of 12. In later life, he expressed a sense of wonder at the Universe and its mysteries, what he called a *“cosmic religious feeling”*, and famously said: *“Science without religion is lame, religion without science is blind.”* But, he also said: *“I do not believe in the God of theology who rewards good and punishes evil. My God created laws that take care of that. His Universe is not ruled by wishful thinking, but by immutable laws.”*

Brooke said Einstein believed that *“there is some kind of intelligence working its way through nature. But it is certainly not a conventional Christian or Judaic religious view.”*

Competition of Altars
Who is the god of this Age?

Israel's exodus from Egypt under the inspired leadership of Moses was also an exodus from the allegorical Egypt, that of idolatry. Henceforth, as God's chosen people among all nations, they would focus on Him alone. This required a reorientation. The desert adventure was like a re-education camp. For 40 years! An ancient piece of Jewish wisdom says that one night was sufficient to remove Israel from slavery but that subsequently forty years were required to remove the slavery from Israel.

8 – The Prophet Elijah Takes up the Cudgels for God

The competition of the altars is the story in I Kings 18-19, where the great Prophet Elijah struggles against the 450 priests of Baal and calls out in despair (19:14): "*Lord…[they] have torn down your altars and killed your prophets with the sword. I alone am left; and they seek to take my life.*" The competition consisted of their making a burnt offering on Mount Carmel, without themselves lighting the fire. But however hard the idol worshippers tried, their altar failed to catch fire. Then Elijah had large quantities of water pour on his altar and he prayed (18:36-37): "*Lord God of Abraham, Isaac and Jacob, let it be known today that You are God in Israel… that this people may know that You are the Lord God, and that you have turned their hearts back to You again.*" At that, God's fire fell down from the heavens and devoured the sacrifice, the wood, the stones and the dust; it even licked up the water in the trough. Then Elijah gave the order: "*Let none of the prophets of Baal escape.*" And so it came about. But later fear struck and Elijah was afraid of the vengeance of the devilish Queen Jezebel. The prophet, himself no more than a man, needed a personal experience with God to come to his senses. He had his experience at Mount Horeb which, as we now know, turns out to be the big mountain at the other side of the Gulf of Aqaba, later called the Edom Sea or Red Sea (edom means red). And there is indeed a fine cave there where Elijah could have spent the night.

The Biblical stories are like mirrors that reflect images of future events. And thus the the Old Testament ends as follows: "*Behold, I will send you Elijah the prophet before the*

coming of the great and dreadful day of the Lord. And he will turn the hearts of the fathers to the children and the hearts of the children to their fathers, lest I come and strike the earth with a ban." Ban is to be understood as the opposite of atonement or redemption. (Lev. 27:29) Jesus says of John the Baptist, who preached in the power and circumstances of Elijah: "*This is the Elijah who was to come.*" Both wore a cloak of hair. John came as it were out of nowhere, as it will also be at the literal return of Elijah. The Jews expect Elijah to return with Enoch, the two biblical figures that never died but were taken up into heaven. The Christians too expect that the two witnesses in the Book of Revelation will return in a final competition of altars to teach the Antichrist a lesson. Once their task has been fulfilled, these witnesses will also die a natural death.

The blessed time of the Feast of Tabernacles yet to come

The blessed time when the Jews and the Christians are to celebrate jointly the Feast of tabernacles should be seen in the light of Paul's letter to the Romans where he says (11:25): *"For I do not desire, brethren, that you should be ignorant of this mystery, lest you should be wise in your own opinion, that blindness in part has happened to Israel until the fullness of the Gentiles has come in. And so all Israel will be saved",* This matches Moses' final speech at the gates of the Promised Land in which he announces the blessing and the curse: the blessing if they keep to the covenant and the curse if they do not. And the fact that they will protest and deviate from God's ways is something he knows too well, saying so in Deuteronomy 34:14 sqq. Despite that, the rejection will not be definitive, for Moses says in Deuteronomy 30:1-6 that finally, yes finally, even if Israel has been driven to the ends of the earth, God will gather them together and will grant them benefits above all their fathers and will circumcise their hearts so that they love God with all their heart and all their soul. There is thus still a future, a glorious one, in which Israel will have returned to the sheepfold when there will be one great universal church. This period is known as the Time of Nations, as proclaimed by the prophet Zechariah, a period known elsewhere as the thousand-year empire or the Reign of Peace. This will also be the time in which the Protestants will have returned from their deviant ways and the Muslims will have converted to the Three-in-One God (and be no Moslim anymore).

Of the three major Jewish feasts only two have been adopted by the Christian church: Easter and Pentecost, but the greatest, the Feast of Tabernacles, was not. According to the prophecy quoted this will only happen in the Time of Nations. The tabernacle or tent-trek in the Time of Nations will proceed through the same allegorical desert as in the past. This is imagery signifying the inner pilgrimage of the soul. On this second trek, the desert will bloom as only a desert can bloom, a visual language borrowed from Isaiah 35:1 sqq: *"The wilderness and the waste-land shall be glad for them and the desert shall rejoice and blossom as a rose"*. That vision is like the one described in Ezekiel 37, where the dead dry bones are brought to new life. This is rich imagery. In the Time of Nations the trek to the Promised Land has become a matter for everyone, since the Promised Land stands for the restoration of the paradisiacal state according to the promises made to Abraham, in whom all the world's nations would be blessed.

9 – Always the Same Struggle

As it was in the days of Moses and in the time of Elijah, we too are currently experiencing a period of unbelief. Are we also to participate in a competition as in the past? As far as the next revival of belief is concerned, my thoughts turn to what a priest once said during a retreat: "*In the Middle Ages the whole of Europe appeared christianised. And it was. But now the same peoples seem to be totally dechristianised. But you are here. While*

those outside regard you as the last of the Mohicans. That is so. The misery that devolves from this, you feel it in your body, notice it in your families. We have been played out. But God hasn't. You are not the last. You are the first-born of a new generation."

The final competition is still a long way off; before that happens the world must have navigated through the so-called Time of Nations, outlined in Zechariah 14:16-21, the penultimate book of the Old Testament. Here, the Hebrew word 'goy' is translated as nations, peoples or heathens. That vision still waits fulfillment, for in that blessed time the Jewish people and the Christian people will both celebrate the Feast of Tabernacles and thus will have the same faith. The Feast of Tabernacles (Tents) is the image of the allegorical Exodus. Thus goes the prophecy: "*And if the family of [the allegorical] Egypt will not come up [to adore the Lord] the same plague shall overtake them.*" (Ez. 14:17) The punishment meeted out is a lack of rain. Despite the fact that Egypt is not dependent on rainfall since its water comes from the Nile, it will be hit by the same plague as is normally the consequence of a lack of rain: failed harvests. In other words, those who believe that they can rely on their own strength will be deceived. Moses too had to wage a competition whereby he had to present himself as Elohim (God) against the Pharaoh, who imagined himself to be a god. (Ex. 7:1) In that competition he had to defend Israel's name, which incidentally means 'greater than Isis and Ra' or 'warrior with God'.[15)] The magicians at the Egyptian court could do the same as Moses, but in contrast to Moses they could not undo their own plagues.

10 – The Falling Off of Faith also has its Tradition

Moses confronted the system, presently called the Egyptian primordial Gnosis. The term indicates that it is the mother of all heresies, of magicianship and of the falling away from belief. The adoration of the Golden Calf or Apis Bull gives the impression that the Egyptian beliefs were extremely primitive, and that was undoubtedly so as far as the common folk were concerned; but things were different for the elite. The exalted magical knowledge was reserved to the priestly caste and the Pharaoh was a priestly king. It was so then and thus has it always been. The secrecy that surrounds Freemasonry is a continuation of it. This is quite different from the Christian Church that states that there where

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15) Jacob was first given the name Israel after he had fought with an angel, for the angel "did not prevail against him" (Gen. 32:24-32). In the interpretation 'greater than Isis and Ra' it is not God's angel but the angel of the abyss that he fought, the one supreme angel belonging to Esau, who always incited him to do evil. A translation of angel of the abyss is permitted because the Hebrew 'Elohim', translated in the text as 'God' (verses 28 and 30), can also refer to a powerful lord or a fallen angel, as in I Kings 11:5 and 33 where it stands for the goddess Astarte. In the Egyptian pantheon Ra was the creator of the Universe, the sun god who created himself. Ra shared his essence with the goddess Isis, the Egyptian version of Astarte. 'Greater than Isis and Ra', therefore, means that Yahweh, in whose service Jacob stood, is greater than all created things, and certainly greater than the angel of the abyss, who at that time was seen as a god. The usual and also correct explanation of Israel is: 'wrestler with God' or 'he will reign as God' (isra points to sar = ruler). A less correct interpretation is 'he who sees God'. With that last explanation St. Augustine saw in the angel, with whom Jacob wrestled, a figure who, like the Christ, voluntarily allowed himself to be overpowered (Sermon 229.F.2).

According to Blessed Anna Katharina Emmerick, the wrestling between Jacob and the angel revolved around the sacrament of procreation, which was to lead to Mary's Immaculate Conception. She tells that this was located in a thickening against the hip. This does not indicate whether it was an angel of God or the angel of the abyss. Genesis 32:25 says: "Now when he saw that he did not prevail against him, he touched the socket of his hip; and the socket of Jacob's hip was out of joint as he wrestled with him." Of this, the ArtScroll Tanach Series says: "The Midrash interprets the angel's act as an attempt to hurt Jacob's progeny [literally: the offspring of his hips]." (Mesorah Publ. # 1986)

the knowledge of what we belief is revealed to children it is hidden from the wise ones of this world. (Lk. 10:21)

Although ‘gnosis’ means no more than ‘knowledge’ in Greek, it is not a neutral term for it indicates a group of philosophical systems that are diametrically opposed to the Biblical doctrine. Gnosis has a long tradition and thus it is not unlikely that the doctrine of Simon Magus, also known as the Magician of Samaria goes back to the Egyptian primordial Gnosis. He was the first to mingle Gnostic ideas with Christianity. The Gnostic heresy was written down by one of his disciples, Valentinus. It is most probable that the teacher Theodas (a gift from God) named by him, someone who had met St. Paul, is the same as Simon Magus. Thanks to the extensive reporting by Irenaeus and Clement of Alexandria on the Valentinian doctrines, a fairly accurate picture can be built up of what was going the rounds at the time.

According to Irenæus of Lyons, Valentinus, who lived in the first half of the second century, is the first to develop the teachings of Simon the Magician into a philosophical system. This has become known as the Valentinian doctrine. The supposed inspirer appears as Simon the Magician in Acts 8:9-24, which figure is discussed at length by Irenæus in his book Heresies, which in turn is partly based on the account of Justin Martyr. This Simon is therefore traditionally seen as the first Christian Gnostic and that is why he was taken as the starting point for the decreed restoration of Gnosticism in 1889, that is on the centenary of the French Revolution. Because little is known about the wild ideas of Simon the Magician, the attempt to bring it back to life had to depend largely on Valentine doctrine, about which there exists a sufficient number of old manuscripts.

The restoration of the Gnostic heresy of Simon Magus was brought about on the eve of the centennial of the French Revolution (1888) by the Frenchman Jules Doinel, adviser to Freemasonry’s Great Orient (GODF) with the active cooperation of so-called Papus: Gérard Encausse. After his remarkable conversion to Christianity and that of his associate in the autumn of 1894, this restoration took a serious blow, which did not prevent its ideas from being eagerly received within the philosophical workshops of Freemasonry. The oath of the “Restored Gnosis” went as follows: *“I profess the doctrine of emanation and salvation through Gnosis (science).”* From this follows the utter incompatibility of Christianity with Gnosis and its counterpart Freemasonry. These emanations presuppose a stream of dualistic generations, called by the Gnosis ayons, consisting at each step of an active and a passive element. But what exactly is ‘Christian Gnosticism’? It is an appropriation and distortion of the Christian truths of faith with the Christian formulas, rites and functions masking the blasphemous work. It deliberately profanes the Holy Scriptures, and especially the Gospels, just as it also profanes the Roman Catholic sacraments and their liturgy.

Central to all Gnostic systems is the conviction that “God and his creation are one”. Thereby, the creation progresses via successive unfoldings (emanations) of the one opposite to the other (black-white, ying-yang, male-female). This same type of thinking can be found in Jewish mysticism, but in veiled language, and explains why there is a tendency within a particular current of Judaism to make the ‘Bible’ as God’s Word subordinate to the ‘creation’ as God’s Word, where the latter is seen as the ten words of creation in the first chapter of the Bible. Thus certain currents within Judaism place Jewish mysticism at a superior stage in regard to the Bible. For instance, Baruch (Benedict) de Spinoza, who was excommunicated in 1656 by the Jewish community for going a step too far, did not see God as a separate being with attributes such as a will or intellect. In the words of Louis Jacobs his god did not create nature but is nature. Spinoza saw agreement between mathematics and Jewish mysticism. He contends that both direct their attention not to goals or to the future, but rather back to the origin. He regarded the

mathematical method as extremely suitable for propagating knowledge of the Kabala in the Western world. Kabala is the Jewish word for Gnosis and originally a neutral term in the sense of acceptance of what is 'orally received' (lekabbel).

11 – Magical Practices within Judaism

The Egyptian primordeal Gnosis, as states Anna Katharina Emmerick, was taken by the Israelite priestly class from Egypt, something also recounted by the Illustrious Freemason Albert Pike. On the imposing statue of Albert Pike in Washington D.C. is a plaque bearing the following text: *"To the loving memory of Albert Pike, leader of the worldwide Masonic movement".* It is to be expected that their magical knowledge goes back to Egypt. It is also not surprising that Rabbi Yochanan in the third century taught that "Nobody is appointed to the Sanhedrin who is not tall of stature, is a wise master, fully versed in visions, of honourable age and has mastered magic…" (Bab. Sanh. 17a) The so-called Star of David or Jewish Star has traditionally been an alchemic symbol and expression of the sum of all their hocus-pocus.[16)] Alchemy focuses on the proud self-exaltation of man under the guise of transforming lead into gold. It has nothing to do with chemistry in the modern meaning of the word, but with self-fulfillment and mastery over nature, which is: doing magic. The approach and underlying philosophy are completely incompatible with Christianity.[17)] Unfortunately, as explained in my book "The Ascent of Man and Science," our current science has evolved from alchemical thinking, which has created a mentality of denying God, and ignoring Him at best, giving rise to bitter fruit. Here in this series of articles an attempt is made to unite science with the Christian approach.

My Oxford encyclopaedia tells that the Star of David, also called the Magen David (the shield of David), was first adopted as an emblem by the Jewish community in Prague in 1354. That was a time when magic was taken for granted in Judaism. Thus it happened that around the year 1235 Rabbi Me'ir Ben Shim'on of Narbonne issued his polemic, the "Milchemet Mitzvah" (War of the Commandments), in an attempt to convince the Church that Judaism was a belief worthy of regard, containing nothing that the Holy See could regard as heretical. But he unwittingly provided a great deal of evidence to the contrary, since he illustrated how meditation and magic were woven into the fabric of Judaism (of that era). His attempt and those by other Jewish leaders were well intentioned gestures but they achieved nothing. In the summer of 1239 Pope Gregory IX ordered the confiscation and burning of all Jewish magical texts, from the venerated Talmud to the esoteric writings of the kabala. In France alone a total of 24 wagonloads with about 11,000 manuscripts (there was no printing press yet) went up in flames, thereby bringing to an inglorious end millennia of Gnostic speculations.

Today's situation is totally different. The small minority within Judaism that is seceding in our present century and devouring itself with the ancient sorcery practice, euphemistically called Jewish mysticism or Kabbalah, laments that the book burnings, though not perfect, under Gregory IX have been so effective. A favourite manual for the Jewish Abracadabra (I create what I say) is the Sefer Yetzirah (book of formation/transformation), which they managed to save from the flames because it consisted of only one to four pages. According to some, the sound for that writing is more important than its meaning, which is very obscure. The renowned Torah scholar Aryeh Kaplan has written

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16) "Dictionnaire des Symboles" by Chevalier and Gheerbrant # 1982; under 'Sceau de Salomon': "The Star of David is an alchemistic symbol".
17) The word alchemy is derived from the Arabic al-keme meaning 'of Egypte'. Egypt's ancient name was Kemet, meaning black, referring to fertile or black soil, the same as with the fertile river delta of Mesopotamia (Iraq), known at the time as Sawâd.

an extensive book in English explaining the mystical and magical implications of the Sefer Yetzirah. The meditative Zohar was saved from the burnings because it was copied in a non-Jewish printshop.[18)]

Some facts about the origin of the Star of David / Hexagram

Among Jewish mystics and miracle workers, the hexagram was most commonly used as a magical protection against demons, and in that function it was often applied to the exterior of mezuzahs and amulets. In the Middle Ages it often appears on Christian churches but very rarely on synagogues or Jewish ritual objects. It was the Menorah (a seven- or nine-branched candelabra) that was the most important Jewish symbol from antiquity to the late Renaissance period. Another use of the hexagram in the Middle Ages was as a Jewish hallmark or heraldic emblem, especially in Prague and among the members of the Jewish Foa family who resided in Italy and Holland. In 1354 Emperor Charles IV gave the Jews of Prague the privilege to display their own flag during state affairs. Their flag showed a large six-pointed star in the center. A comparable flag can still be seen in Altneuschul, the oldest synagogue in Prague. From Prague, the emblem spread to the Jewish communities in Moravia and Bohemia and finally to Eastern Europe. In 17th century Vienna, the Jewish quarter was separated from the Christians by a boundary stone with a hexagram on one side and a cross on the other, marking the first time the six-pointed star was used to represent Judaism as a whole instead of a specific group. With their emancipation after the French Revolution, the Jews sought a symbol to present themselves with a symbol similar to the cross of their Christian counterparts. They opted for the six-pointed star, mainly for heraldic reasons. The geometric design appealed to synagogue architects. It is noteworthy that the religious Jews of Europe and the East, already accustomed to the hexagram on their amulets, immediately accepted this secularized emblem of the Renaissance Jews as a fully-fledged Jewish symbol, though lacking a scriptural basis. When Theodor Herzl was looking for a symbol for the Zionist movement, he chose the hexagram, now renamed the Star of David, because it was so well known and had no obvious religious connotation at the time. Finally, it appeared in the center of the flag of the new Jewish state. Today it is seen as a sign of their national rebirth.

The Talmud too managed to escape because there were countless copies of it and the burnings mainly took place in France. And it must be said that the Talmud is not kabbalistic, although, to use the words of Gregory IX, it contains *"every kind of abomination and blasphemy against Christian truth.*" This statement was based on the testimonies of a Jew converted to Christianity, Nicholas Donin of La Rochelle. Donin went to Rome in 1238 and presented himself to the Pope, where he openly condemned the Talmud; 35 articles were formulated in which Donin denounced the malicious attacks on Mary's virginity and on Jesus' deity, which proves true if we look up the classic 1903 work by Robert Travers Herford: "Christianity in Talmud and Midrash". In 1240 he repeated his accusations during the Disputation in Paris after which King Louis IX signed the order for the public burnings. There were many curses in the copies from that time against

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18) The Zohar is not only oriented towards meditation. The written version originated in the 2nd century of our era and is therefore of older date than the Talmud. In the past it would seem that no small number of Jews concluded, after studying the Zohar, that Christianity is the logical successor to the Synagogue and Temple Service, and they thus converted to become Christians. The Holy Trinity, for instance, is mentioned frequently in the Zohar. This would explain why the official Jewish sources claim that the Zohar was edited in the 13th century, but erudite Jews know better. Recognition of the doctrine of the Trinity means an implicit recognition of Jesus as Son of God, and that's something the authorities would rather have nothing to do with.

Christ and his Mother, that were nevertheless castigated during the Jewish Synod of 1631 in Poland. The persecutions suffered by the Jews were no stranger to this. The first printed edition of the entire Talmud, still containing all the assaults on the Christian faith and sound morality, was published in Venice in 1520. The Basel edition of 1578 had already been curtailed, predating the decision of Pope Sixtus V, who in 1585 consented to the publication of the Talmud after censorship.[19] However, Pope Clement VIII (1592-1604) ordered that the Jews be expelled and he again banned the printing of the Talmud (along with all other Jewish books). Yet the edition of 1644-'48 in Holland is almost identical to the Venetian one, because the Jews, having fled Spain and Portugal at the time, had found shelter there.[20]

12 – The Merkabah Mysticism

The story goes, or rather the myth, that King David wore the Star of David or Magen David as a magical symbol on his coat of arms.[21] The name is misleading because the origin of this symbol (the hexagram) goes back much further. It represents the Merkabah, a mysterious concept by which worlds could be created and destroyed. It is usually translated as chariot or throne, to be found in the first chapter of Ezekiel's vision, where 'throne chariot' is typified with 'work' or 'creation'; the term chariot does not appear in that chapter. Due to this interpretation of the early Jewish scribes, this chapter is still omitted from public scripture readings. The Mishna Megillah 4:10, which expresses the opinions current at the time of Christ, says that the reading of this chapter was banned because of concerns about the risks of uncontrolled mystical experimentation. Merkabah is Hebrew but also Arabic and a word that simply means carriage and appears more than forty times

Capernaum Synagoge 4th-5th cent. AD, Swastica combined with Star of David

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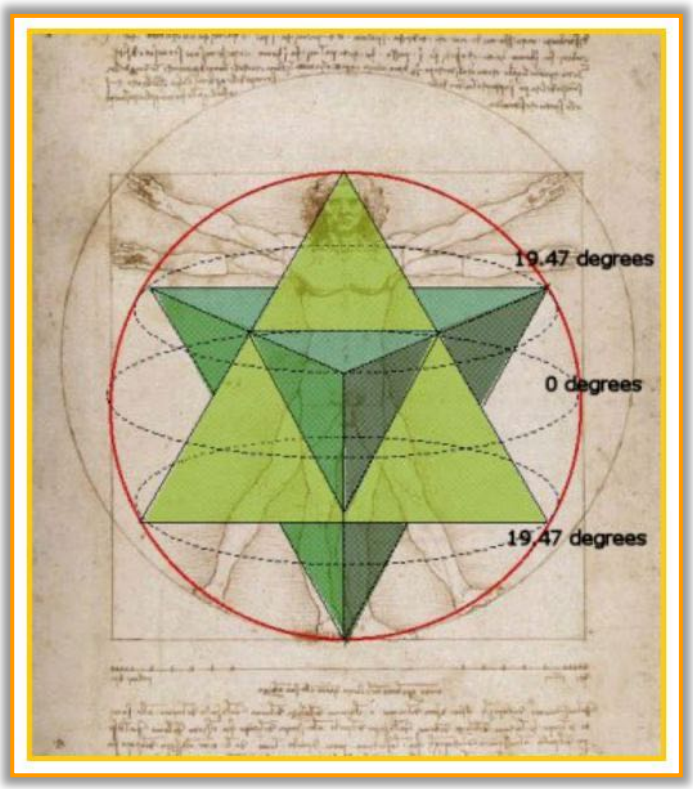
19) In the 19th century, Rab R. Raphael Nathan Nota Rabinovicz published a multi-volume work known as the Dikdukei Soferim, containing text variations from the Münich edition (1342) and other early Talmudic writings. Additional variants appear in the Gemara Shelemah and Oz ve-Hadar publications. These do not show the texts of the later discovered Eastern, Yemenite and Geniza manuscripts. Rabinovicz's work contains the variants of a particular text, including the profanities that are missing from the cleaned editions. Nowadays there are also CD-ROM archives with powerful search routines, such as the widely used Eidei Nusah.

20) The Babylonian Talmud was first translated into English in 1903 by Michael L. Rodkinson, followed by the English Soncino translation (5.5 million words) from 1937 to 1952. Rodkinson's edition contains 'full' translations of the sections relating to the Festivals and Jurisprudence. At the time, he received much criticism from the traditionally minded Jews who felt that a Talmud translation is inappropriate, but he also received criticism from those who are hostile to the Talmud and Judaism in general. Rodkinson completed about a third of the work. The most hurtful criticism was that he deliberately removed material to hide an evil Jewish agenda. But that is incorrect. Rodkinson's Talmud is by definition an abbreviation for modern readers, for some subjects are of little importance to our present day. He also omitted parts where the debate gets bogged down in total darkness, but he also always pointed out exactly where that was the case.

21) The earliest Jewish hexagram is a 6th century BC seal of Joshua Ben Asayahu in Sidon. About eight to ten centuries later, it reappears in a synagogue sculpture Capernaum. It is interesting that there is also a swastika in that synagogue.

in the Bible. But the mystical, in fact magical concept, is not so innocent. To quote just an arbitrary example from the Jewish mystical literature - in which you should not try to understand what is meant by this exalted language: *"He who understands this mystery will understand all the Merkaboth and all the Grades of Emanation which take the shape of receiver and influencer. And this is the mystery of the androgyne. Not as if there was there the actual shape of an androgyne, God forbid that one should believe such a thing and broadcast such calumny (...) (But) each Grade of all the Grades of YHWH, (...) has two faces. (...) Thus, each Grade has two aspects, a (feminine) power of receiving and a (masculine) power of emanating (...) and in this manner the Merkaboth are called androgyne (...) This is a great mystery among the mysteries of the Cherubs, and the mystery of the shape of the Merkabah..."* [22)]



The term Merkabah was originally borrowed from the Egyptian mystery cults and is a combination of three Egyptian/Coptic words of which 'Ka' and 'Ba' are familiar concepts that are explained in most publications on ancient Egypt. 'Mer' is also well known and occurs, for instance, in the word 'merkhet', a kind of sextant. 'Mer' consists of a combination - 'm' and 'er' - unusual in Egyptian grammar and its exact meaning is unsure. The 'm' could mean 'place' or 'instrument' and 'er' '(up)rising'. In hieroglyphics 'mer' is drawn as a triangle and generally translated as 'pyramid'. In the combination 'mer-ka-ba' it refers to a body or container of fire (the actual vehicle), whereby the other two terms can be regarded as a horse and a charioteer ('rakab' is Hebrew for horse riding). In order to understand how this is linked to the Star of David we need to imagine the flat emblem three-dimensionally. The triangle then becomes a kind of pyramid, known as a tetrahedron (3 sides + bottom). Two tetrahedra conjoined, with the top of the one pointing upwards and that of the other downwards (like the Star of David's two triangles), form a complicated body known as the star tetrahedron. Every human being would find itself within such a geometric body that is normally in a resting position (no

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22) "The Hebrew Goddess" by Raphaël Patai # 1967 (pp. 172-73).

movement at all). With a special kind of meditation it would be possible to make the two bodies spin in opposite directions to each other. At this point, the teaching goes, there comes into being a force field, known as a living Merkabah field or living soul that, like the genie from the bottle, does everything that master Aladin (the Ba) commands.[23)] Ka, the third word, points to the higher realities in which this figure could move along the lines of the science fiction films that have now become a fixed item on out television screens. Ka + Ba represents a magical concept contained within the so-called Mysterium Coniunctionis, where the material can be manipulated through the instrument of the human mind.

It can hardly be a coincidence that the terms Ka and Ba occur in the word kabala. The same applies to the Ka'bah, a name used for the most important Islamic shrine, where hajji goers swirl around like a swastika spinning wildly (the tour must be completed while running). And indeed, there is another emblem representing the Kaba or Merkabah and that is the German swastika crosss,[24)] 'swastika' being a Sanskrit word meaning prosperity. This emblem is not an invention of Hitler since it is found, for instance, in Chatal Huück in Turkey, which is an 8000-year-old settlement. With this, the swastika possesses older credentials than the Star of David. The swastika represents a rotating body - the living Merkabah - and has four or, as with the Druids and Basques, three legs. A tourist attraction in the Basque Country, called the 'el toro de fuego' or bull of fire, shows a fake bull with a spinning swastika propelled by fire arrows. The above is for illustrative purpose only. But know that the various objects of Jewish mysticism, such as the manipulation of God's Name, the Sefirot and the like, fit into a well-defined philosophical and mathematical system, although only a few within Judaism will understand what it is all about. Those few will not proclaim their knowledge just like that, but will only pass it on from teacher to disciple in direct language, as if by mouth-to-mouth resuscitation. For this reason it is possible to spend a lifetime studying the kabala and still not get at the heart of the matter.

13 – The Restoration of the Occult Doctrine

How did the restoration of the Egyptian primordial Gnosis come about? An important step was the establishment of the Temple of Understanding, an interfaith organisation supported by the United Nations and established in 1960 thanks to the personal efforts of Eleanor Roosevelt, widow of the ex-President. The initiative came from a certain Juliet Hollister, whose name was given to the annual award. This prestigious institute strives for the establishment of a worldwide theocratic state.[25)] Coincidentally 1960 matches the start of a hitherto unheard of collaboration between all kinds of mystical currents in order to open up their secret writings to one another and to make them accessible to the wide public via intermediaries. The fact is that the bookshops and even roadside restaurants, such as Arche in France, offer a choice of all kinds of literature that chatter about the occult. Ancient civilisations, the Tibetan doctrines and alien life – more intelligent than ours – play the major role here according to the creed of Madame Blavatsky (1831-'91),

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23) Alladin = Allah Djin, and means "spirit of God".

24) There is no evidence that Hitler, who had a macabre interest in these types of dubious things, was aware that the swastika and the Star of David are symbols of equal significance. There are various interpretations of the swastika, as there are for the Star of David, but they do not have to be mutually exclusive.

25) When we look at the names of those making up the committee of recommendation for the establishment of the Temple of Understanding the list reads like a "who is who" of the higher realms of politics. But make no mistake: behind the pretty language of brotherhood and humanity reigns the same false ecumenism according to the tried and tested recipe of Simon Magus

founder of the Theosophical Union, that people believe the fantastic to be true rather than the normal. The Blavatsky woman raised the 'pseudologica commenticia' to the level of a true art – that is, the fantasised apparent doctrine of the truth. Her first bulky volume published in 1887 was entitled "Isis Unveiled", a title that says it all. Eleven years later saw the publication of her magnum opus "The Secret Doctrine",[26] an esoteric work that was penned down under trance, the bible of the mighty and many-branched tree of the New Age movement. A tree, apparently, that cannot be uprooted. The knives have been sharpened. The troops are at the ready. The Convention of Chicago, called together in 1898 by the theosophists under the leadership of Annie Besant 'the scandalous' laid the groundwork for the unification in brotherhood of all occult movements.[27]

El toro de fuego (note the people walking around)

In that year Chicago hosted a world exhibition in honor of Christopher Columbus. Because so many people from all over the world visited the exhibition, this led to the organization of a large number of smaller conferences, including the Parliament of World Religions (SPWR), which was by far the largest conference of all initiatives to mark this exhibition. One hundred years later, a centennial commemoration of this conference was held at the Palmer House Hotel in Chicago, attended by 8,000 people from around the

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26) "The Secret Doctrine, which was largely written in Ostend, has more than 2,800 pages. In it was launched the idea of the superiority of the Aryan race. That the Aryan race never existed should not spoil the fun. The racial breeding experiment of the Jewish Holocaust was an outgrowth of this.

27) Annie Besant was an aggressive propagandist of contraception. Her foreword in favor of contraception, written jointly with Charles Bradlaugh in an 1877 edition of Charles Knowlton's work "Fruits of Philosophy" (first published in 1832 and considered scandalous) brought her an immediate sentence of 6 months' imprisonment for obscene libel. The sentence was reversed on appeal. Subsequently she added information on the primitive and distasteful contraceptive techniques of the time to a brochure she had previously written for the National Reformer and entitled "The Laws of Population", the price of the publication making it accessible to the ordinary worker. The wave of public indignation at this occasion caused her husband to take out an injunction to remove their daughter from Besant's parental control. The reaction to this commotion was the triumphal establishment of the Malthusian League, of which she became chairman, an organisation that was in at the very beginning of the international developments leading to modern contraception but also, at a future stage, to the legalization of abortion.

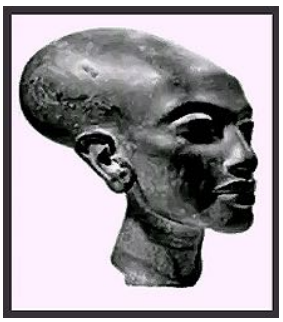
world. The intervening hundred years saw the launch of many such initiatives. These included the International Association for Religious Freedom, the World Congress of Faith, the Temple of Understanding, the World Interfaith Association, the World Conference on Religion and Peace, the World Council of Churches, the International Council of Christians and Jews, and the Pontifical Council for Interfaith Dialogue. More recent initiatives include the North American Interfaith Network (NAIN), the United Religions Initiative (URI), and it should be noted that Pope Francis kicked off with the Amazon Synod in 2019 to make the Roman Church a gathering place for all occult movements in the world, which de facto sidetrack, if not combat, Christianity.

Essential for the restoration of the Gnosis – that is what this secret doctrine is all about – is that next to normal historical research an initiation by a Master is indispensable. This Master or guru can also be someone from higher spheres. He can even take possession of you, 'temporarily', something they gaily call a 'walk-in'. Fine! Come on in! Christianity has a better name for it: demonic possession. The restoration of the Gnostic heresy of Simon Magus was brought about on the eve of the centennial of the French Revolution (1888) by the Frenchman Jules Doinel, adviser to Freemasonry's Great Orient. It was accomplished under Satanic inspiration wherein Doinel, who later became a Christian, gave himself voluntarily over. How this went can be read in "Lucifer Unmasked", which he wrote in a spirit of repentance for his earlier misdeeds. The restoration of the Egyptian primordial Gnosis was less simple; it was a long-term project, at first via the door provided by Hinduism. "Morals and Dogma of Freemasonry", written by the American Freemason Albert Pike and published in 1871, can be seen as a supplement to Blavatsky's "Secret Doctrine" and thus as an attempt to bring about unity within the extensive and contradictory heathen heritage. (p. 540)

The idea that writings such as Doinel's, which have even been predicated as scientific, should have come about through satanic worship is perhaps rejected as unbelievable, being something that does not fit our times, since they are under the aegis of rationality. The fact that rational thinking is exclusively based on natural reason is a carefully nurtured myth! Satanic inspiration is the logical opposite pole to thinking inspired by Christianity. Thomas Aquinas said that the gift of wisdom is the privilege of him who lives in a state of grace (Quaest. 15:3). And Augustine, long ago, sad that intelligence is reserved to the pure in heart. Human nature ought to be subordinate to reason which, in its turn, must be run through with grace, something that is as good as said in one of Ignatius of Loyola's contemplations: *"Take, Lord, and receive all my liberty, my memory, my intellect, and all my will - all that I have and possess. You gave them to me: to You, Lord, I return them. All is Yours, dispose of all according to Your will. Give me only Your love and grace, for these are enough for me."*

The restoration of the Egyptian primordial Gnosis was completed around 1970. A well thought-out book on the subject, first published in 1990, was written by an American giving his name as Drunvalo Melchizedek – which sounds a little more convincing than Bernard Perona. His book has been translated into dozens of languages. The starting point is the geometry that ends in the Merkabah meditation technique. It is strongly mathematically oriented. One could say that there is nothing wrong in that, but the reader's mind is polluted with wild ideas completely at odds with Christianity.[28)] Having had himself initiated by something like seventy masters of varied plumage all over the world, a new phenomenon since the 1960s, Drunvalo went to live the life of a kind of hermit in order to deepen his knowledge. From 1984 to 1991, Drunvalo proudly recounts, he was visited almost daily by *"someone from a higher dimension"* in the guise of a man who looked Egyptian, who named himself after the god Tut,[29)] and was therefore a demon, who helped him to create links and to make discoveries regarding the Egyptian primordial Gnosis. In all of this the Amarna period of the 14th century BC plays an important part.

The absurd bodily proportions of Akhen-Aton and Nefertiti, the two central figures from that period, are said to be proof that they came from a planet lying far outside our solar system. People make fun of this and dismiss it as degenerative abnormalities because brothers and sisters married each other. If degenerative, the sculpted physical abnormalities that have come down to us are highly unusual in that sense too. Furthermore, the abnormalities in all relatives are quite identical for several generations, and this was found not to be accompanied by a loss of intellectual faculties; such a thing is not within the line of expectations. Those things point to something other than degeneration. If less gifted they could never have maintained their rule. Nefertiti means 'the perfect one' a name that is not very suitable for a disabled person. The apocalyptic plagues Moses sent across the land could also be invoked by the Egyptian magicians, which is far beyond the reach of normal magic, and this indicates that this pharaonic dynasty knew the Merkabah secret. The unraveling of this was precisely the aim of the restoration of primordial gnosis. Says Drunvalo: *"The human race was not yet mature enough for that [in times of old]"*, a task now assigned to Drunvalo and his followers – and he is none too choosy about the religious background. He does not wish to establish a new sect. If the cap fits, wear it. In his writings he frankly explains the Merkabah knowledge under the guise of: 'here we are dealing with a physical phenomenon'. And that is where we find the snake in the grass. The New Age nonsense with so-called creatures from other dimensions, could be a trick to ensure that the naïve reader is led up the garden path and that it scares away eavesdroppers like yours truly. Keep in mind that the Merkabah meditation is real and holds enormous potential for the manipulation of the world around us. This nonsense also serves to divert those who, under the guidance of Perona, immerse themselves in this technique and drift further and further away from sound Biblical teaching and thus put their souls at risk.



Nefertiti
The Perfect One

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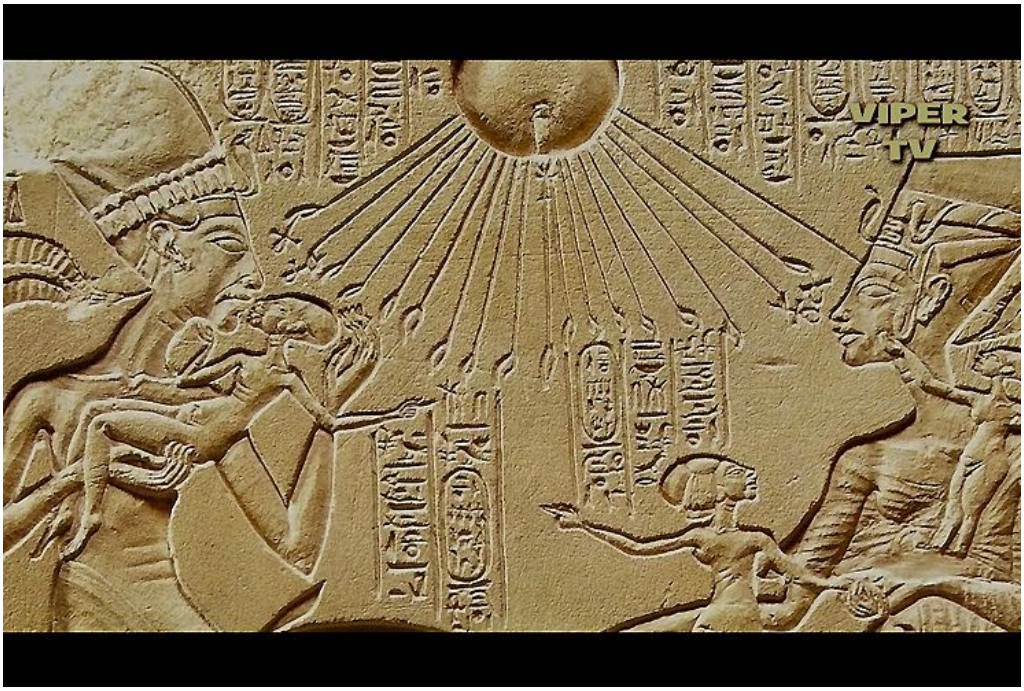
28) Below is a taste of the pseudologica commenticia found in Drunvalo's book (p. 64): «« (...) each level of human consciousness has a different body height associated with it. The first level of 42+2 chromosomes has a range of height somewhere between four and maybe six feet. The people who fall into that category specifically are the Aboriginals of Australia (...) The second level of consciousness has 44+2 chromosomes, and that's us. Our band of height is about five to seven feet. We're a little taller than the first group. The third level's height goes up considerably. The 46 + 2 chromosome level interrupts the Reality through what you could term unity or Christ consciousness. That range of height is from about ten to sixteen feet tall. Then there's another range for the fourth level of consciousness: the 48 + 2s – who have a height of about 30 to 35 feet. The final band, the perfected human, is between 50 to 60 feet tall. They have 52 chromosomes. (...) For those of you who are Hebrew, you might remember that Metatron, the perfect man – that which we will become – was blue and 55 feet tall. We'll talk about this again when we get into the subject of Egypt. »»

And yet such ideas are not entirely new. Take a look at the enormous statues of Abu Simbel in Egypt and at Fort Gwalior in India, with the 24 Tirthankaras who are said to have achieved perfection. Perfection, perfection, the same word over and over again.

29) Tut or Thoth is the Egyptian god pictured with the head of the bird Ibis. He is the god of knowledge, medicine and writing. Tut-Moses means 'Tut is reborn (in this person)'. Although writing already existed in its infancy, it only took full flight under Imhotep. In view of the thematic agreements between the later veneration of Imhotep and that of Thoth, it may well be imagined that Thoth is modelled on Imhotep, alias Joseph the co-regent of Egypt.



The abdomen, occiput and neck have distinctive features

14 – Miracle is no Miracle

The motivation of the restoration of the Gnosis is to put it into practice. This is how we as a matter of course end up with magic. The principle used in magical practice is always to start from that which lies within the natural order of creation. In his exploration of the laws of nature, the Bruges native Simon Stevin interpreted this as follows: "miracle is no miracle". According to him, something is a miracle as long as it is not understood, but as soon as we understand a phenomenon it is no longer a miracle. This reasoning can be extended to the divinely forbidden magical practice; nowadays one speaks of paranormal. Of course, miracles do exist, because magic also has its limits. A wonderful example of a miracle of the impossible happened on March 29, 1640, in Calanda, Spain, through the intercession of Our Lady del Pilar (the Most Blessed Virgin Mary). On that day, a young farmer recovered his leg that had been amputated two years earlier. Recently, a journalist from the Italian magazine La Stampa, named Vittorio Messori, verified this well-documented incident and reported his findings in "Il Miracolo" (1998). After studying the extensive ecclesiastical records, he had come to the conclusion that this miracle actually took place and that it escaped myth-making.[30)]

One type of miracle that is above all suspicion is the raising of the dead. This is the province of God alone. It is obvious that the son of destruction who pretends to be God (2 Thess. 2) will want to prove his claim by raising up a corpse from the dead, but this will only be a case of apparent death. For this reason it was necessary that before Lazarus was raised from the dead by Jesus his body had to be four days in the tomb and already

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30) The R.-K. Church has always been less than enthousiastic for miracles. She has traditionally been wary of the sensationalism of the common people because of its uncontrollable aspect. This is one of the factors that has made the Church always cautious in acknowledging a miracle, often too cautious in my opinion. The thinking was that the investigation of a miracle belongs to the domain of the Church, with the verification of facts being the first priority; then a natural explanation is sought on the basis of the facts. She sees supernatural intervention as a divine means of adding visible demonstrations to divine revelation. (Dei Filius ch. 3)

producing the stench of putrefaction. (Jn. 11) This was done on purpose, since Jesus delayed for two days before going to his house. This gave the Jewish college of priests the incontrovertible proof of the sacredness of Jesus' mission. In full knowledge of this they sought to kill Him, unaware of the fact that Jesus would die on the Cross for them too, unaware of the fact that God's mercy also reached out to them. The place Bethany still reminds Lazarus's raising from the dead. Israelis today call that place Bethanya, but the Arab inhabitants – who are by no means Christian – speak of El-Lazariyeh, which means 'place of Lazarus'.

The raising of the already stinking corpse in that heat raises the question of the meaning of Jesus' statement: *"Most assuredly, I say to you: he who believes in Me, the works that I do he will do also; and greater works than these he will do, because I go to my Father."* (Jn. 14:12) What are greater miracles? John Gill comments this verse thus:

> «« The conversion of a sinner is a greater work than any of the miracles of raising the dead for this includes in it all miracles: here we may see a sinner, dead in trespasses and sins, quickened [Rom. 11:15]; one born blind made to see; one who was deaf to the threatenings of the [Biblical] Law, and to the charming voice of the Gospel, made to hear, so as to live; and one that had the spreading leprosy of sin all over him, cleansed from it by the blood of the Lamb yea, though a miracle in nature is an instance and proof of divine power, yet the conversion of a sinner, which is a miracle in grace, is not only an instance of the power of God, and of the greatness of it, but of the exceeding greatness of it [which may certainly be said after the work of Christ's atoning crucifixion]. »»

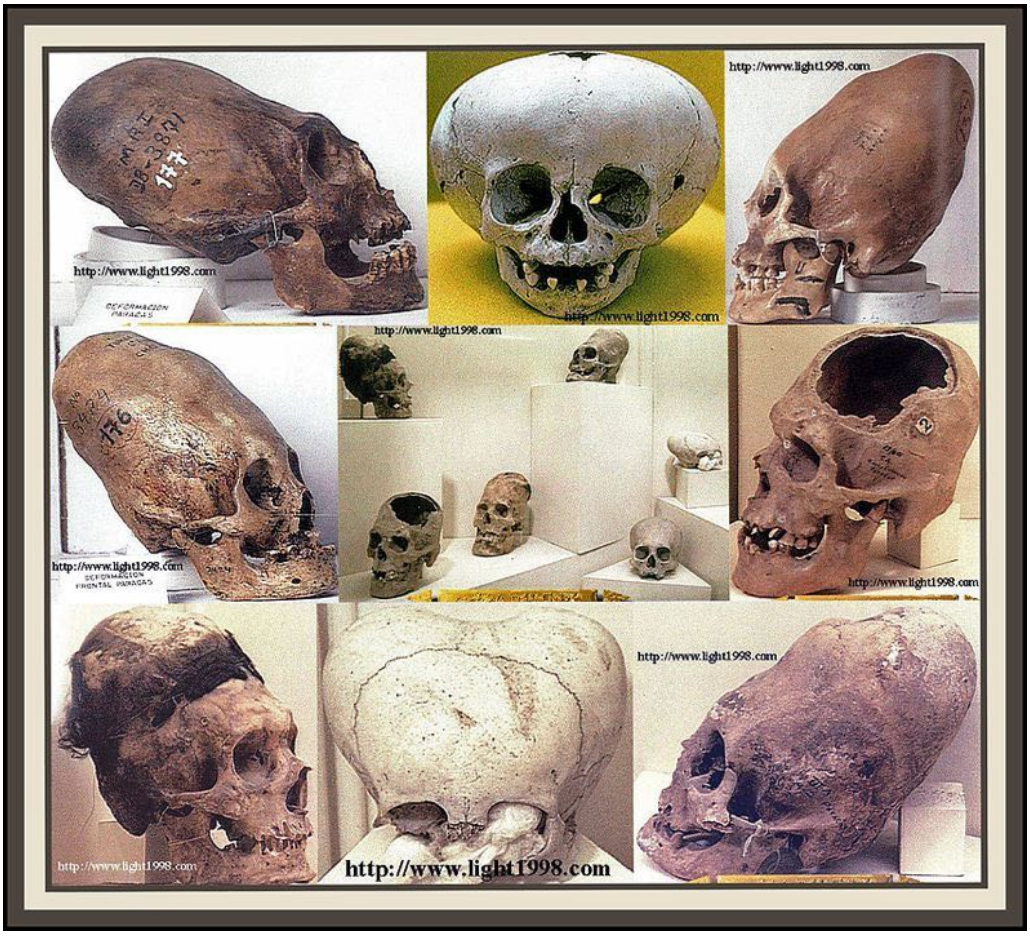
In view of the fact that God acts through the likely, the unlikely and the impossible, we make this unnecessarily difficult for ourselves if we constantly wonder whether something is a miracle in the sense of doing the impossible, instead of asking ourselves whether in a particular situation we can speak of God's active participation. By way of an example: when, after the Exodus, the fast-flowing River Jordan had to be crossed – it was immediately following the rainy season – the river dried up as soon as the priests touched the water with their feet, something that according to the Bible came about because the water rose like a wall near Zaretan. (Josh. 3:15-16). This will have been caused by the collapse of limestone cliffs along the river. Was it a miracle? Most certainly the combination of circumstances was such that God's active participation can be clearly recognised here.

15 – The Biblical Ban on Magic

In the light of the Biblical ban on magic, it is important to form a correct picture of what magic is. Deuteronomy 18:11 states that none of God's dedicated people may be a 'yadoni', a word sometimes translated as magician or devil conjurer, or he who questions spirits or oracles. It is a term derived from 'to have knowledge of the hidden'. It is no coincidence that the Hebrew for universe or world (olam) is also 'the hidden', since the Eternal is hidden in his creation. In Jeremiah 23:24 we read: "*Can anyone hide himself in secret places, so I shall not see him? (...) Do I not fill heaven and earth?"* (Habahir 10, Midr. Dev. Rab. 2:26) In the King James version 'yadoni' is translated as 'wizard', a word that in old English means 'a wise one' and, in fact, is the best translation. The Three Wise Men from the East, who came from the heathen lands to visit the infant Jesus, are named 'magos' four times in the basic Greek text, a term borrowed from the Persian 'mag' in the ancient sense of magician. This matches up well with the Hebrew yadoni. The yadoni are those who understand signs (the three Wise Men were astrologers) and who, by proceeding from the natural order, can do that which usually lies outside our normal reach; which is now called the paranormal. In the extensive list of things banned in Deuteronomy 18:10-11, related practices are listed that God calls ghastly deeds, such

as soothsaying, wizardry, spiritism and summoning up the dead. This shows that anyone involved with the paranormal finds himself on a slippery slope.

One thing leads to another. "I only do a bit of this or that" is simply fooling oneself. Because magic is situated within the possibilities of creation, it is not always clear what it is about. It is a slippery slope. In the well-known passage on love we read: "*Love never fails. But whether there are prophecies, they will fail…**For we know in part and we prophesy in part… For now we see in a mirror dimly***". (I Cor. 13:8-12) And yet the oft-heard argument goes as follows: "I've been able to do this since my birth. It's a God-given gift and therefore I may use it." How stupid! Is it not written:[31] *"I will cut off the names of the idols. I will also cause the mouthpiece and the unclean spirit to depart from the land. If anyone still gives oracles, then his father and his mother who begot him shall thrust him through when he talks falsely. And it shall be in that day that every oracle will be ashamed of his vision when he foresees the future; they will not wear a cloak of hair to deceive."* (Zech. 13:2-4) A cloak of hair signifies the animal nature. Our own inner light intervenes from out of our fallen nature. Our covering cloak



is that of the rough-hewn and 'hairy' Esau whose eyes were only focused on the earthly. Such a cloak is glorious. It is a presentation of the light, the divine, but the divine that is darkened still emits light. Our corrupt nature claims to be a source of divine inspiration, but it drags us down into the bottomless pit.

John the Baptist too wore a cloak of hair. He too wrestled with his human nature. Despite being the greatest saint ever, his knowledge was but partial. Now I would like to quote from "The Expectation of the Jews", an early Christian work:

«« The mind of John the Baptist furnishes a remarkable example, which we often meet with, of partial divine illumination, the clearest knowledge on some points and absolute ignorance on others. By the light of inspiration he shadowed forth in a few words the nature of the Kingdom of Heaven, whose approach he foretold, and showed it to be something entirely different from the expectation of the Jews, handed down from remote ages; yet of its details his ideas seem to have been vague, and he appears to have had no certain knowledge that Jesus was the Messiah, though he had baptized Him and received the heavenly sign of which they had been forewarned. »» (The ArchkoVolume).

The remark *"John the Baptist appears to have had no certain knowledge that Jesus was the Messiah appears to have had no certain knowledge that Jesus was the Messiah"* needs clarification. At the time Jesus was baptised, John the Baptist thought that he had the certain knowledge that Jesus was the Messiah. Until then he had known Him perso–nally, and he valued Him more highly than himself, but only after the foretold sign of the Holy Spirit had taken place, who descended like a dove on Jesus, and after the 'Bathkole' – the Voice of God – had resounded from heaven with (Mt. 3:17): *"You are My beloved Son, in You I am well pleased",* only then did John know that Jesus was the prophesied Messiah. In the certainty of those days he exclaimed (Jn 1:34-35): *"This is the Son of God!, and the next day, looking at Jesus: Behold the Lamb of God!"* But later, when locked up in the gloomy and stinking cell of the Tetrarch Herod, he realised that his expectations concerning a glorious and a triumphant Messiah had been belied. And he was thrown back and forth between the certainty of his expectation and the certainty of the signs that were revealed to him, which now seemed a distant memory, and he started to have agitating doubts about the messiahship of Jesus, Who, after all, was his nephew.

The text from Zechariah just quoted said: "*I will cut off the names of the idols*." Thus it is not just our own nature that lets us down. The territory of the mind is Satan's speciality. Anyone wandering around there, trying to manipulate us, belongs to the criminal world of the 'walk-ins'. They will not hesitate to include us in their game to make us fellow actors. The holy Curé (parish priest) of Ars knew all about them! He suffered a great deal from their nocturnal attacks.

In summary, we can say that everything that belongs to the realm of the mind for the manipulation of material things should not be entered on one's own initiative. It is in the age we live in forbidden territory. Beware of the dog! If anything at all is to be achieved there, then God must be the initiator, such as in the curing of Naaman, the King of Syria's

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31) In most of the translations the text of Zechariah 13:2-4 carries the words 'prophet' and 'prophesy'. I prefer the terms 'mouthpiece' and 'to give oracles'. The term 'prophet' also refers to the soothsayer Bileam (2 Peter 2:16 and Num. 22:7). The translations 'mouthpiece' and 'to give oracles' are justified in view of the tendency in Hebrew to think in terms of analogies. Take, for instance, the Hebrew word 'herem', which can mean either a curse (bar-ak) by separation from God or a blessing and election (again bar-ak) by the separation from human society with the intention of devoting oneself to God. We see the double interpretation once again in 'baka', meaning to cleave or to split. Just as in English, the Hebrew word 'cleave' also has the meaning of cutting or splitting. Adam and Eve clove together, but their dual-unity was cloven after the fall, which in both cases is referred to by the word 'baka'. Most often, Genesis 2:24 is translated as meaning: "Therefore the man shall leave his parents and be bound to his wife." The King James correctly reads 'cleave' instead of bind. Take note: This represents an impossible condition for the present man. However, this condition does form the basis for the total joining together of the hearts of Jesus and Mary, both of whom were given to restore all in all.

army commander. (2 Kings 5) The prophet Elisha ordered him to bathe in the Jordan to be rid of his leprosy. Naaman reacted at first in anger because he had expected Elisha to come out to call the Name of his God over Naaman and to draw his hand over the affected place to drive away the sickness. Nothing like that happened. Unfortunately the dividing line is not always easy to draw, which is why many charismatic movements have been shipwrecked. Jessie Penn-Lewis has written a masterful book, "War on the Saints", which clarifies why God's works of the Spirit so often turn to the contrary.[32)]

What is described above is child's play in comparison to the Egyptian way of doing: that is Magic with a capital M. Remarkably enough, the Bible has nothing to say on the matter. Obviously the generation then alive required no explanation, and wrong ideas were not to be put into the heads of future generations. The biblical account starts with a ban on the practice of magic with a small m: "*You shall not permit a sorceress to live*" (Ex. 22:18). But the actual ban is to be found in Deuteronomy 18, already referred to in our discussion on the yadoni. Immediately after that, in fascinating contrast, comes the famous messianic promise (cf. Jn. 1:46, Acts 3:22; 7:37), which is formulated as follows (Dt. 18:14-15): "*For these nations which you will dispossess listened to soothsayers and diviners; but as for you, the Lord your God has not appointed such for you. The Lord your God will raise up a Prophet like me from your midst, from your brethren. Him you shall hear*." The clearest ban on the practice of 'Magic' is voiced when forty years later the people of Israel are standing at the gates of the Promised Land. It is then that a solemn renewal of the covenant is held. After the announcement of possible punishments for transgressing the covenant, there comes a final statement (Deut. 29:29): "*The hidden things belong to the Lord our God, but those things which are revealed belong to us*". Once again that aspect of 'the hidden'![33)] This last instruction should not be seen as separate from the stewardship. Once the Israelites had been liberated from the Egyptian slavery they became God's chosen nation in the stewardship of this world. This is a common scriptural interpretation to which Jesus refers with his parable of the criminal vineyard workers who murdered the son in order to obtain ownership of the vineyard (Mtt. 21, Mk. 12 and Lk. 20). Obviously a steward does not have the same rights as an owner. Which means that in Israel's stewardship not all the possibilities, the hidden things, offered by God's creation may be reconnoitred. This category certainly includes Magic, but also high-handed work within scientific research, where there is hardly a taboo, and every taboo finally lifted if one really wants to.

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32) "WAR ON THE SAINTS" was first published in 1912 and is said to be a textbook on the work of deceiving spirits among God's children. It is a book written by the English evangelist Jessie Penn-Lewis as a guide for the end-time Christians, the Christians of our generation. They will form the so-called 'remnant army', mentioned in Revelation 12:17. There they are called "the remnant of her children". Why would it be an army? Because, as the book shows, the battle now raging will primarily be a battle against the evil spirits and, on their part, against us. But they are not recognizable as such, for they appear as angels of light, as love itself, if not as God himself. And many are deceived because, as the letter to the Thessalonians writes, they have known no love for the truth, the pearl for which they should have set aside everything. This book was written after the author witnessed firsthand how the Welsh Revival in the years 1904-1905 was shipwrecked because of the imitative and intimidating work of Satan. She has learned her lessons from that.

33) In Deut 29:29, the word 'sathar' stands for hidden or secret things, in Hebrew pretty well identical to 'esther' (the name used in the book of Esther), a term which includes 'es(o)ter(ic)'. (Take note: the root of a word has no vowels in the Semitic languages). It is not unlikely that the Greek word 'esoterikos' is derived from the root 'str' which, in the Middle Eastern sources was a usual term for indicating the hidden. Esoterikos or the occult is also connected to the Greek 'eso', meaning 'inside'.

In this context I like to refer to Hebrews 11:3: "*By faith we understand that the worlds were framed by the word of God, so that the things which are seen were not made of things which are visible*". The visible material world is therefore based on the invisible, and not vice-versa. Thus the material world, that which we observe with our senses, represents a lower reality than the underlying invisible world which maintains it. Yet both are situated in the same reality. They are extensions of each other. Via the material world we can gain entry into the world of the spirit and vice-versa. In that sense we can regard the modern scientific researchers as the magicians of our era. It is the Church's duty to say to this science: "Do not touch!" And here I am thinking not only of the Manhattan Project that led to the invention of the nuclear bomb,[34)] but also to research in human beings of contraception, artificial insemination, choice of gender, racial purification etc.[35)]

It goes without saying that a society that wants nothing to do with limits of scientific research, also claims for itself the mastery over life and death. Now we can understand the statement in 1 Samuel 15:23: "*For rebellion is as the sin of witchcraft and stubbornness is as iniquity and idolatry*", an accusation made after Saul had been anointed with God's Spirit. Of course, just like a king, science has a spiritual mission for the good of humankind; so scientists are actually anointed ones. But anointed by whom? Who then is the idol of our era? It is Man. The composition of our society aims at self-aggrandizement, opening a door for the anti-power, for Lucifer and his cronies. When God is thrown out they won't stay on the sideline. In this panorama we detect the tower of Babel, called by the rabbis the house of Nimrod, for it is the image of the zeal, organization and involvement of many for the construction of the evil empire. Babel stands model for the evil and magic expression of the Word. This is an anti-model, an anti-anointing. In a manner of speaking, it is still reaching with its pinnacle into the heavens, where it mocks everything that belongs to God.

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34) A ban on the use of nuclear weapons follows from the biblical ban on chopping down fruit trees and blocking up wells during war, on the principle that after a war ordinary life must be able to continue once again. (cf. Deut. 20:19-20 and 2 Kings 3:19; 25:27)

35) It may surprise the reader that the undersigned condemns even 'research' into artificial insemination, at least for human beings. This should be understood in the light of the sacred nature of human life. They are not 'our' children but God's children whom He as Father has placed under our authority. Hence Eve's cry: "I have acquired a man from the Lord." (Gen. 4:1)

APPENDIX 6

Your Pagan Practices will lead you to Hell

Message by Jesus, to Maria Divine Mercy of June 3rd 2013

My dearly beloved daughter, the scourging which I endure at this time is not just because of the pending betrayal of Me within My Own Church, but it has to do with the false, pagan idols who replace Me in today's world n.

Paganism is growing very quickly and is embraced as a new popular culture, an alternative to the belief in the One True God. It takes many forms. Most importantly, it will be presented as being harmless fun for those who dabble in new age practices and as being an important part of personal development – a form of humanism and love of self.

This global paganism was foretold for the end times [the time in the lead-up to the Reign of Peace]. And for many people, they cannot see it for what it is. It is a love of self and of false gods in whom many place their faith, for the so-called magical benefits they believe they have to offer.

Many, who look for diversions, in order to fill the emptiness in their souls, do this through the adulation of Buddha statues, which become central to their lives, their homes and places of work. They are lulled into a sense of spiritual calm when they practice new age paganism, such as yoga, reiki and so-called meditation. Soon afterwards, they will become attracted to a deep longing and will continue to believe in all the false promises made by those who practice this abomination. For this is what it is – a form of the occult, which blinds many millions of souls to the Truth of God.

Whatever doctrine, new age or otherwise, promises you great spiritual comfort and which is designed to empower you for selfish means, know that this could never come from God. Any doctrine which dictates that you honour such statues, which are not of God, or where you are asked to participate in practices which involve the occult, must be avoided at all costs. Don't you know what these do to your soul, your mind and your body? They destroy them.

So many souls become infested by these practices, which open the door to your soul and allow Satan and his demons to devour you. These – and make no mistake – are powerful practices, in that they attract evil spirits. The use of tarot cards, yoga, reikki and certain types of meditations, which embrace pagan practices, will contaminate you. In time you may become ill and full of black despair, as the spirits of evil enter your lives, from which there is little escape.

These are the signs of Satanic influences in the world and many demons come disguised as angels of light. This is why those who become obsessed with angel cards and who accept so-called ascended masters, within this angel culture, are embracing the spirit of evil, which is presented as harmless fun…

The other form of paganism lies in the practice of atheism. Those of you who are proud of your atheism and who may practice good lives, in that you are kind and loving to others and treat your neighbours with respect, know that the Kingdom of Heaven is not yours. I can never accept you into My Kingdom once you draw your last breath, no matter how this will break My Heart. If you do not beg Me to accept you and before you die, I cannot help you then, for I cannot intervene with your free will. Anyone who tells you that atheism does not matter is a liar. The Truth is that only those who accept Me and who acknowledge God can enter My Kingdom.

So many of you who live such confused lives, and believe that all will be well, have much to learn. This is why My Father has permitted The Warning to take place, for without it many souls would plunge straight into the fires of Hell.

Be thankful that the Truth is being given to you, for very few of my appointed servants preach of the dangers of the sinful lives you are living today and the terrible consequences, which they will bring about.

Your pagan practices will lead you to Hell. Your atheism will separate you from Me. Only repentance can save you. Listen and accept the Truth, distasteful though you may find it to be, and you will be given the Gift of Eternal Life – a life, which you crave for right now, but which will never be yours, if you continue to idolise false gods and reject Me, Jesus Christ. The choice is yours, only. No one else can make this choice, for God has given you the free will to choose between good and evil and He will never take this away from you, even when you choose the wrong path.

Your Jesus

The Gnostic Heresy
An unquenchable self-obsession

The article "Competition of Altars" reviews the restoration of the Egyptian Primordial Gnosis. The present article goes into detail about the state of mind of those who pursued this path, which is fundamentally Christophobic as opposed to Christocentric. This departs from the so-called Gnostic Heresy that has very ancient credentials. This heresy is also known as the Valentinian heresy, originating from a certain Valentinus who had learned his craft from Simon Magus (Simon the Magician), the man we know from the Book of Acts. Amazingly, this still plays a prominent role in our society today.

16 – The origins of the Gnostic Church

The Valentinian heresy could only begin its victory march after the Bar Kochba revolution (132-136 AD), which ended so catastrophically for Judaism. Since it was not only a Christian heresy but also a Jewish one, it is important to realize that the Jews could no longer hold back its spread afterwards, and as far as concerns the Christians, they were not yet influential enough to offer a significant counterweight. Valentinus and his followers boasted of being Christian. He claimed to have been taught by a certain Theodas (gift of God), who was said to be a disciple of Paul.[36)] Since Simon Magus had fallen into disrepute, it is not so strange to identify this Theodas, about about whom nothing else is known, with Simon, of whom the Apostle Peter says: *"I see you bitter as gall and entangled in iniquity."* (Acts 8:23) This judgment also affects the heresy itself. Simon Magus left no writings unlike his disciple.[37)] A remarkable amount is known about the Valentinian Heresy, first thanks to the writings of Irenaeus (130-202) and Hyppolitus of Rome (170-235), and others. It remains to be seen whether what has been recorded by his students and schools is really his, especially since the notes often contradict each other. One should also distinguish between the secret teachings, that unquestionable are some form of Satanism,[38)] and the doctrine that was proclaimed publicly. Valentinus spread a most pernicious and intellectually appealing doctrine, in which in a hodgepodge of Christianity and paganism man is set on the path to Hell. One must be well shod to avoid being bewitched by its sirenic tones. More than ever this doctrine - under various banners - is at the center of attention. It is the pet child of the many-branched New Age

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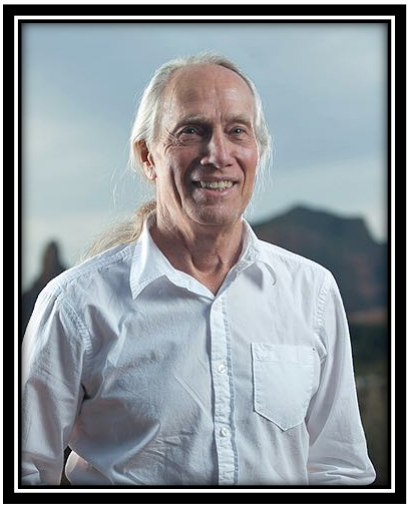
36) The referral to Theodas, who would have known the Apostle Paul, is relevant considering that in the Valentinian teachings much is written about the body of the church, which is in line with Paul's teachings.

movement, which now has billions of followers, whose fundamental premise is the 'emanations', something we will come back to later.

To better understand the Gnostic Heresy, let us turn our attention to Simon Magus, whose iniquity has flowed through the ages like the filthiest sewage. He was the first to mix Gnostic ideas with Christianity and may therefore be called the father of Theological Modernism, called by Pope Pius X *"the collection of all heresies"*. Simon's adherents have drenched the Christian Church, the immaculate bride of the Lamb, with gall and bitterness. We witnessed this in an unending series of quarrels and church splits, some of which fell into pure paganism. The figure of Simon Magus, called the Magician of Samaria, is extensively discussed by Irenaeus in his "Heresies", which in turn is derived in part from the account of Justin Martyr (100-165), himself a Samaritan, whose testimony is therefore reliable.[39] The Church Father Clement of Alexandrinus (ca 150-ca 215) also wrote about the Valentinian Heresy, as well as Hyppolitus of Rome (170-235). These testimonies paint a fairly accurate picture of what prevailed at the time. Valentinus came from Egypt, had studied in Alexandria, and he supposedly came to his system through certain encounters in Rome and in Cyprus. Although patristic tradition sees Simon Magus as the father of all Christian heresy, it cannot be otherwise that his ideas stem from older sources, especially the Syro-Phoenician idolatry and the later Platonic philosophy, which in turn were based on even older traditions.[40] Finally, those traditions go back to the Egyptian Primordial Gnosis. The latter may be assumed to be plausible, because at the



Drunvalo Melchizedek

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37) My assumption that Valentinus was a disciple of Simon Magus implies that he was born not in about the year 100, as is now believed, but in about the year 40, assuming that the episode from Acts 8 took place not long after the Crucifixion in the year 26. Simon Magus should have been almost an exact contemporary of Jesus. Valentinus' students relate that his teacher Theodas knew the Apostle Paul (Clemens, Strom. vii. 17, 106), which supports my contention. Since it is believed that the 'faithful Christian', as Valentinus pretended to be, could not 'totally' spread his teachings before the Bar Kochba revolt broke out (132-136) – because the then influential Jews would not have tolerated it – it has been assumed that he was alive afterwards, and that's why the claim that his teacher knew Paul has been set aside. But that the Gnostics were accustomed to infiltrating heimenically and creating followers by underhand means, historians have not taken into account. If born around the year 40, Valentinus must have already died at the time of the Bar Kochba revolt, but by then he may have gathered a sufficient number of adepts in order to continue his work. By the way, it is striking that Justinus Martyr (100-165), who would have been a contemporary of Valentinus, makes no mention of ever having met him or mentioning that he was never able to meet him, so that this does not refute my contention that Valentinus was born around the year 40 AD. It is also striking that only fragments of the writings of Valentinus himself have been preserved while his pupils have left the bulk of it. This would have been different if he had lived after the year 136, after the end of the Bar Kochba war.

(For Christ's year of birth at 8 BC and his year of death at 26 AD, see "Proofs of the Life and Death of Jesus", Ch. "When was Christ born?" - pp. 231-251.)

38) Google: The Gnostic Society Library - Valentinus & his tradition. See also "A Dictionary of Early Christian Biography" by Hendrickson Publishers from 1999, a reprint of the original 1911 edition. There is a good discussion of Valentinus' antecedents on the "Early Christian Writings" website.

Exodus from Egypt, the Israelites will not only have brought with them provisions and jewelry, but also the forbidden knowledge that was borrowed from the Egyptians. And the Egyptian Primordial Gnosis refers to its older brother, to what is today called Hinduism, which is not surprising because Gnosticism is a very well thought out system.

To strengthen this view, we take a look at what the Gnostics have to say about it. An important figure in this regard is Helena Blavatsky (1831-91). She is seen as the initiator of the New Age movement, for which the first step was taken with her magnus opus from 1888: "The Secret Doctrine", an unreadable thick book that she penned down in a trance while staying in Ostend in Belgium, that was subsequently amended by Eastern thinkers and Western Occultists. That Blavatsky wench elevated the 'pseudologica fantasia' to true art. She saw it as her life task achieve a a revival of the Egyptian Primordial Gnosis, the alma mater of the occult sciences, via the bridge of Hinduism. This is what the Occultists, if we give credence to it, succeeded in doing in the second half of the twentieth century.

The great propagandist of this Primordial Gnosis is one Drunvalo Melchizedek, alias Bernard Perona, whose books have been translated into 29 languages including Dutch. This American was born in 1941, but the official date of his demonic possession (a kind of incarnation) was on April 10, 1972. The possessing powers are not called demons, but are so-called walk-ins. What's in a name? Since then, Perona has carried this bizarre name which makes everything he says uncontradictable, for it is not he who speaks but the 'divine' Melchizedek (an ascended master), who, as the Bible teaches, ranks higher than Archfather Abraham and consequently, so the heresy goes, higher than Jesus Christ. Simon Magus spoke even more crassly, for he claimed to be the incarnation of God the Father. The harlot Helena, who always accompanied him, he himself had generated in his position as God the Father! She represented divine wisdom in the name of the Holy Spirit. This kind of transparent claim was not adopted by the later Gnostics, but the skeleton of his views was, and the conceit that goes with it, for a Gnostic or Modernist (term that came into vogue at the end of the nineteenth century) is always self-obsessed while posting a feigned humility.

Helena Blavatsky

17 – The Restauration of the Valentinian Heresy

In 1888,[41)] the same year that Blavatsky's book was published, Jules Doinel, councilor of the French Grand Orient of Freemasonry (GODF), arrived at a restoration of Valentinus' teachings. Doinel arrived at that restoration with the active support of the Papus of

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39) A broad overview of the ancient sources about Simon Magus, with many quotations, are available in the "Hastings Dictionary of the Bible" from 1909.

40) From my article on the Samaritan sect, it emerges that the politics of migration under the Assyrian exile, around 700 BC, had created a mixed people and mixed religion. The Biblical account of Simon Magus shows that at the time of Christ's coming, they had not yet managed to rid themselves of this. We should not think that Simon, after Philip had evangelized the Samaritans, had a large following among them (cf. Acts 8:5-13), but we may suppose that Simon could count on a certain sympathy there among the unconverted part of the Samaritans, being the counterpart of that 'Jewish' Jesus. There is talk that Simon traveled around with some thirty followers.

the GODF, Gérard Encausse. This took place, as reported, under Satanic inspiration to which Doinel, who converted to the Christian God in 1895, had willfully surrendered. How this happened can be read in his "Lucifer Unmasked", which he wrote in a spirit of reparation for his past wrongdoings. In 1890, so before his conversion, Doinel founded the "Gnostic Apostolic and Catholic Church", which, according to their website, is the first Gnostic church of our modern age (Catholic is Greek for 'general'). Three years later, Encausse was 'consecrated' head of the new church by Doinel. By '91 Encausse had founded the Order of the Martinists (a paramasonic organization), which can be regarded as the esoteric workshop of Freemasonry, very similar in that respect to the Rosicrucian movement.

Jules Doinel wrote his book under the pseudonym of Jean Kostka. This was allegedly created under the direction of Marie Jogand-Pagès (nom de plume Léo Taxil), but this is nonsense. This Jogand-Pagès, who had supposedly converted from Freemasonry, played a dubious role in the so-called Taxil affair that caused controversy throughout Europe. Diana Vaughan, a convert from Freemasonry, was center stage. She came from an illustrious Masonic family and had converted after a vision of Joan of Arc in 1895. She was descended from the great Thomas Vaughan and knew his diary. Very important! Your's truly has studied the matter thoroughly and has come to the conclusion that Diana really existed and must have been murdered by Taxil in 1897. She was under his care after her conversion and she was shielded by him from the outside world so that this plan could be carried out. He edited a magazine in which her confessions were published. After his daring deed, he led the world to believe that she had never existed and that the whole affair was fabricated by him to show how gullible man is. Taxil, aka Jogand-Pagès, later simply rejoined Freemasonry.

What Diana Vaughan writes in her autobiography (The Confessions) is consistent with the writings of Dillon, Darras, Abbé Lefranc, Mgr Fava and those of Doinel, but she goes into much more detail regarding the early origins of Freemasonry, starting from the date of the 1546 Satanic Congress in Venice, the so-called Vicenza Colloquia. The revered founder of Freemasonry was Fausto Socinus (†1604), the nephew of Laelius who then participated in the Colloquia. At the time the followers of this movement were called 'Socinians', who after their expulsion from Poland in 1658 found refuge mainly in Amsterdam and later in London. The Amsterdam leader of the Socinians was Thomas Vaughan, Diana's great-great-grandfather. Interesting detail: Jan Amos Comenius or Komensky (†1670), whose statue stands in Naarden in the Netherlands and after whom schools are named, died, according to Diana, in the arms of Thomas Vaughan.

Comenius, the youngest participant in the Satanic gathering of the "Convent of Seven" in 1617, also called "The Counting of the Perfect Initiates", lived for a number of years in the House with the Heads located on the Keizersgracht in Amsterdam, where much spiritualism was practiced and worse. The sculptures against the facade, those of Apollo, Ceres, Mars, Minerva, Bacchus and Diana, are an eulogy on paganism. In 2007, that building was inaugurated as the international study center for gnosis or divine wisdom, as they themselves call it, based on the "Bibliotheca Philosophica Hermetica", a fabulous collection that the Rosicrucian Joost Ritman had assembled in his *"spiritual quest of man"*. In 1997 that consisted of 18,000 books, 500 manuscripts and 400 incunabula (15th century printings), estimated at the time at a sum of at least 150 million guilders.[42)]

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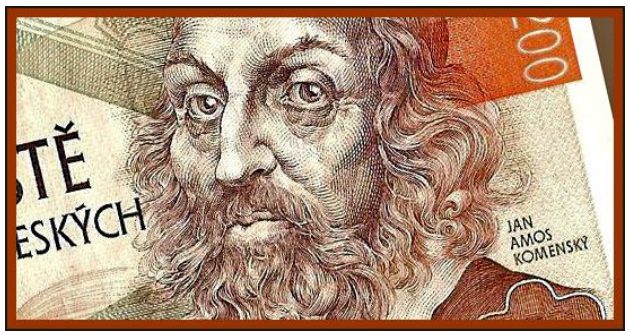
41) The significance of the year 1888, according to Doinel, is that it fell on the eve of the centennial commemoration of the French Revolution.

42) See: http://www.ritmanlibrary.com. Also: http://embassyofthefreemind.com/en/ At the time, 150 million guilders was equivalent to 500 middle-class houses.

Book of Truth: Many sects who do not accept the existence of the true God, honour instead the Beast in their temples. These poor souls, whose love of themselves, which springs from a fierce ambition, have set up temples, which brazenly honour Satan. (...) Many of them curse my Father by using the terms which are unique to Him. My Father said: *"I Am the Beginning."* 'I am' is used to denote their love of self and they will emulate every holy act, deed and repeat words, which were given to the world by God, in order to defile Him.

End Time Prophetess Mary Divine Mercy
Message of Jesus of June 21st 2013



Comenius was an extremely questionable figure. Pierre Bayle pronounced a scathing judgment on him. His "Dictionnaire historique et critiqu" marked the pinnacle of intellectual achievement by one of the great minds of the 17th century. Bayle was at the heart of European intellectual debate in his day. He was a free-thinker and renowned Protestant philosopher. His encyclopedia offers a critical view of the then prevailing philosophical and theological arguments and was highly influential in the 18th century Enlightenment milieu. His monumental work is known as an arsenal of lights. The following quote is from the third edition from Rotterdam, where he was lecturing until 1693.

«« The reform of schools was not his main obsession: he dressed himself up in prophecies, revolutions, ruins, the Antichrist, the Thousand Year Reign and similar pieces of dangerous fanaticism. I call them dangerous not only with reference to orthodoxy but also with regard to the princes and the states. (...) In the first place, he is accused of enormous pride, and one perceives that it is the normal defect of those who pretend to have their inspirations from on high. In fact this favour is of such great price that we should not be surprised that those who believe that God honours them with a distinction of this kind should treat the common teachers with disdain. (...) The worst defect for which he is reproached is his fanaticism (...) He found refuge (...) in Amsterdam, where he found extremely charitable people. The rain of gold that was showered on him in this city obliged him to stay there for the remainder of his days. (...) He was seen as a swindler and a real confidence trickster. »» (under 'Comenius', éd. 1720)

18 – The Gnostic Heresy

We can define the Gnostic heresy as an identification in form with Christianity, in the sense that every act in the drama of Jesus' life, and every quality attributed to Christ should be projected into the life of Krishna and similar figures, and into the legends of all the sun gods down to the farthest antiquity. This is so because any conspiracy that pursues evil and hopes to achieve some measure of success can do so only because it moves within the truth while also standing beside it. Gnosis replaces legends with facts, expresses legendary lore and pagan myths in the language of Holy Scripture. It calls pagan deities by their Biblical names for God and identifies idolatrous rites with Christian phrases and Gnostic teachings with phrases and terms from Christian theology. The whole system is not what it seems or as it wants to appear. It is a falsehood, a deception, it is a fraud, a lie. And why? Because the battle here on earth is of the demonic powers

that want to wipe out all Christianity, not directly so, but by putting themselves in the place of Christianity, by occupying their seat and thus achieving their objective. Their first goal is the destruction of Christ's Church on earth. A church will always be there, but then it will be the counter-church where Satan is worshipped, a privilege that only God deserves.

The fundamental premise is that every human being can attain deification through his own efforts. Christ would have earned his exalted position through asceticism and perseverance, which would also be within reach for us if we follow the same path, a view we find in Hinduism, which is in fact a Gnostic movement, albeit not fake Christian. Another premise is that God, through emanations, applies a kind of self-generation by means of separation of one from the other creating distinctions: light and dark (reason why the prologue of the Gospel of John is beloved literature), yin and yang, male and female, using ingenious schemes in ever lower stages, called Aeons.[43)] Helena is the feminine side of God, for the dichotomy must always be there, even for the godhead himself. A certain logic cannot be denied to these schemes. The venomous thing is in equating God with creation. It is not his creation, He «is» creation, while according to the Bible, creation is one of his works; if creation disappears, God continues to exist. According to Gnosticism, our ideal is to be in union with creation and in that union to become equal to God. Salvation would consist in an ever deeper insight into the essence of being. Nothing of what is disappears, what was will be, for the created and the creator are one. Reincarnation is the logical consequence of this. Reincarnation and resurrection in Christ are incompatible as simultaneous truths. Compassion disappears, for each one reaps in his life what he sowed in the previous one. It is the law of cause and effect. But where does that system leave love, God's love? Also striking is the view that because we are part of the same divine reality, all religions contain a part of the truth that points the way to blissful perfection. The great, the macrocosm, is equal to the small, the microcosm, because everything is God, and in this sense even a fly. By diving into your own self through meditation techniques, that divine source is discovered, which is said to be the source of health and peace. The 'divine spark' within everyone's innermost being, it is said, will make each person divine. It only needs to be discovered and to unfold through one's own effort. Man is good, that is the bottom line. If someone does bad it is because of lack of self-knowledge. Know thyself (γνῶθι σεαυτόν), said the ancient Greeks. It is self-idolatry, an unquenchable self-obsession, it is the doctrine of ultimate egotism.

Papus Gérard Encausse

Ad finem

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43) See for that matter "Fountain-Source of Occultism" by Gottfried de Purucker (1874-1942), which is a so-called modern presentation of the ancient universal wisdom as revealed in "The Secret Doctrine" by Helena Blavatsky. The book was first published in 1974 after having been circulated in manuscript form as from 1948. In the chapter "On the Gnostic Aeons" is explained that the Gnostic system of Aeons was already formulated by Simon Magus and others after him, like Valentinus, Basilides, etc. The writer also ventures into the details of the aeon stages.

APPENDIX 7

• **Book of Truth**

Unrest, arguments, despair and fighting
All this has been ignited by the evil spirits

Message by the Virgin Mary to Maria Divine Mercy on May 12th 2012

My child, as the roar of Satan and his demons get louder and the pitch of their screams are heard in the Heavens, I must warn God's children to open their eyes. Look around you and what do you see? Unrest, arguments, despair and fighting. All this has been ignited by the evil spirits that surround humanity. Released from Hell, their numbers are great. Not for one moment will they ease their torment spewed out by the hatred they have for all of God's children.

These fallen angels were jealous when my Father, God the Most High, created mankind and the universe. Their pride and disgust led to their downfall and they were cast out into Hell.

Led by Satan, their hatred was manifested when I brought the Son of Man, the saviour of mankind, into the world. Their hatred of me surpasses anything known to humanity. As Queen of all the Angels, this drove them into turmoil. They knew there would be no return to the Divine Hierarchy.

To hurt God, my beloved Father they want to destroy that which is closest to his Heart, his precious and beloved children. By seducing his children, through the temptations of sin, they steal souls. My Father will not tolerate this wickedness and the time is close for these fallen angels to be finally cast into the furnace. They know this.

Under the direction of Satan they now increase their plans and every second of the day they cause havoc in the world. God's children must know that their plan is to snatch everything which is precious to God, the Almighty Father. This is why they target his holy churches on the earth first. When they infiltrate God's churches they infiltrate God's children.

Wake up children to what is happening before your eyes. You must stay alert at all times. Pray, pray, pray that you are blessed with the graces to recognise evil when it is presented to you as being part of God's plans, when it is not. It will take strong faith and acceptance of the Truth contained within these messages from Heaven to stay on the truth-path to eternal life. Eternal life is to be welcomed children and must never be rejected in favour of false promises. These false promises are presented to the world in these times by those who lead your nations and who may be influenced by the king of lies. Go and open your eyes children and listen, question and contemplate all that is presented to you in the Name of God.

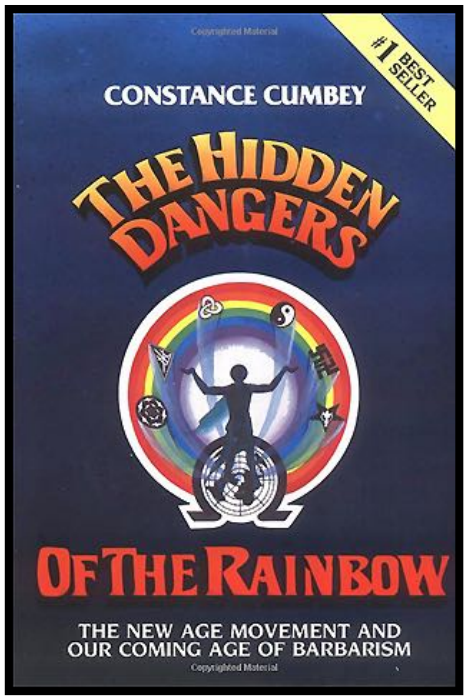
Your Beloved Queen of Peace
Mother of Salvation

APPENDIX 8

THE HIDDEN DANGERS OF THE RAINBOW

"The New Age Movement and our Coming Age of Barbarism"

Constance E. Cumbey



This magistral book from 1983 is the first publication that exposed the agenda of the New Age Movement and its accompanying religious apostasy. *"I was the first major evangelical critic of the New Age Movement",* she claimed at the 2006 Radio Liberty Conference in Aptos. Despite sneaky opposition from Huntington House publishers and the stinging critiques of anyone who had the slightest sympathy for the New Age Movement, and unfortunately also from Christian corners, the book was an immediate success. It is still topical, more topical than ever, because the New Age Movement actually wants to be the harbinger of the earthly paradise fought by humans, in which we as humans will have attained our godhood. Practice shows otherwise, as all kinds of 'isms' have now irrefutably demonstrated. Think of Communism, but especially Nazism, which in its mentality and objectives shows striking similarities with the New Age Movement (a term not yet established at the time). The chapter "The New Age Movement — the Fourth Reich Empire?" pointedly demonstrates this.

Constance Cumbey published her book when she was in her late thirties, and still she is very active. She is a practicing attorney in the state of Michigan (USA). The first thing that struck me while reading the book was her deep Bible knowledge and outspoken belief in the Christian message of salvation. Coupled with a keen intellect, this labels her as someone who can be listened to. She says nothing which cannot be substantiated, which is no doubt because of her legal mind.

The battle put in the limelight is nothing less than the existential struggle between good and evil. A variety of New Age publications state in no uncertain terms that people who believe in the Bible and worship the Biblical God should disappear from the face of the earth; Christianity itself is said to be a relic of the distant past, and should be treated as such, according to their spokesmen. The PLAN says that all current religious practices and symbols of Orthodox Jews and Christians should be declared illegal. (p. 18) Behind woolly language there is sometimes truth, for the opponent does not always keep his mask on, and Cumbey knows how to point out all those passages unerringly.

Here is a passage that I like to quote and which has lost none of its topicality:

> «« New Agers deify Lucifer and that is the worship of devils. Through transmissions to Benjamin Crème, Maitreya has claimed that Jesus is one of his disciples. This can be documented in Crème's books "The Reappearance of Christ" and "The Masters of Wisdom". »» (p. 22)

An extraordinarily important player in the New Age field, Benjamin Creme (1922-2016) was the de facto successor to the second in line after Madame Blavatsky, with whom it all began. Creme became best known when he announced Maitreya (Buddhist name for the Antichrist) as the new world teacher. He called him 'the Christ' and believed that Maitreya was going to address the entire world population through radio and television, through which he was going to make his true identity known, also thanks to telepathic powers, on what is known as the Day of Declaration.

Definition New Age

New Age is an umbrella term for a wide range of esoteric philosophies, occult sciences, alternative religions, new therapies and lifestyles, which gained popularity in the second half of the 20th century. Overarching principles are a holistic view of Man and the world, the belief in personal development achieved by one's own efforts, and the belief that humanity is entering a new and better era. Through meditative techniques one seeks to experience the unity of man, nature and cosmos. The intuitive and instinctive approach to life is paramount. New Age opposes the monotheistic religions, as well as the prevailing materialism, rationalism and individualism (so they say).

Constance Cumbey says tells that Helena Blavastky (1831-91) is the founding mother of the New Age movement with its network of ten thousand branches. The budding movement under her direct leadership, that gave rise to all those subdivisions, is called the Theosophical Society. Their objectives have also become the ultimate objectives of the New Age movement. A Theosophical Society brochure made clear the anti-Christian aims of that movement: «« To oppose the materialism of science and every form of dogmatic theology, especially the Christian, which the Chiefs of the Society regard as particularly pernicious; to make known among Western nations the long-suppressed facts about Oriental religious philosophies, their ethics, chronology, esoterism (sic), symbolism; to counteract, as far as possible, the efforts of missionaries to delude the so-called 'Heathen' and 'Pagans' as to the real origin and dogmas of Christianity and the practical effects of the latter upon public and private character in so-called Christian countries. »» (pp. 43-44)

Cumbey also writes about "The Aquarian Conspiracy", a bestseller by Marilyn Ferguson († 2008), who gained great fame as a result. Ferguson was a prominent New Age writer. In that book Ferguson refers to "The Aquarian Gospel of Jesus the Christ" by Levi H. Dowling, and she quotes from its introduction: (pp. 30, 33)

> «« Jesus was not always Christ. (Jesus and the Christ are seen as two different entities.) Jesus won his christship by a strenuous life, and in… chapter 55, we have a record of the events of his christing, or receiving the degree 'Christ' (…). We recognize the facts that Jesus was man and that Christ was God (…). »»

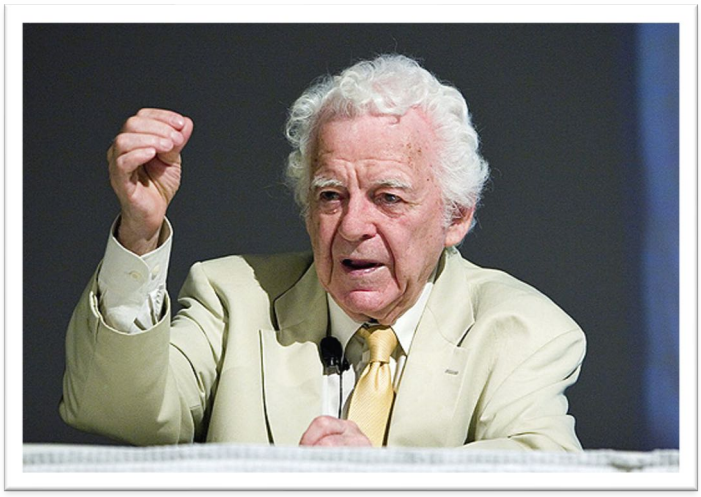
Cumbey indicates that the Bible is very clear about such a description (1 John 2:22): *"Who is a liar but he who denies that Jesus is the Christ? He is Antichrist, that denies the Father and the Son."* (see also 1 John 4:3) Their concept of god finds its extension in the ideas of the 'New World Order', which is a regime, the Bible teaches us, that is under the groundless terror of the Antichrist / Maitreya. An excellent summary of their dogmatics is as follows.:

> «« While their theology is obfuscated in deliberate gobbledy-gook, it is not complicated. A Christian may read the main tenets in the third chapter of the Book of Genesis. Basically they involve: 1. An attack on the authority of God's Word; 2. A denial that a person will die, and instead, by the cycle of reincarnation, will return time and again; c. a claim that a man can be as a god

himself, here on earth and by his own effort; d. a deification of Lucifer and other demonic entities [the Masters of Wisdom theory]. »» (pp. 39-40)

Billions of people are nowadays actively involved in the New Age movement, and at all political, educational and social levels. Cumbey says of this:

«« The hierarchy of the Movement has successfully managed to draw from a full spectrum of society to implement eventual aims that can only benefit a small percentage — if anyone at all. Millions have been deceived into supporting projects designed to eventally strip even themselves of their civil liberties, much of their property, their preferred religion, and perhaps even their lives. While euphemistically professing peace and love, the Movement has blinded even many of its sincere adherents from seeing its plain declarations for what they actually are. In trans-like rapture they openly cheer while 'Aryanism', 'the out-worn Jewish dispensation', 'mass planetary initiation', 'cleansing action' are sold to them as desirable positions and programs. »» (p. 57)



Benjamin Creme - 2008, photo: Meryl Tihanyi

Make no mistake. The movement is not only anti-Christian, but also fiercely anti-Jewish, and of course it is against the establishment of the State of Israel. What will surprise some is that it is also anti-Islam. That is because it is a monotheistic religion. For example, in a quote from Alice Bailey, the writer says (The Rays and the Initiations # p. 599) :

«« The Leaders openly and boldly set forth plans for a new mandatory world religion – a religion completely breaking with the concept of Jesus as the Christ and God as the Father. Jews and Christians – Roman Catholic and Protestant alike – as well as uncooperative Moslims, are openly slated for persecution and even a 'cleansing action' should they fail to cooperaten. »» (p. 59)

The cards are shuffled. Constance Cumbey repeatedly gives examples of church leaders of all denominations who have allowed themselves to be taken in by the ear-stretching language and contemporary theology of the new-agers. That was in the late 1970s! What will it be like today? When Maitreya reveals himself, we should not be surprised that many church leaders will enthusiastically welcome this figure. She quotes the celebrated writer Marilyn Ferguson. The latter says that the New Age movement has penetrated all levels of our society and into church institutions, regardless of denomination. And gloating over the loss of rectitude within the supposed bastions of God the Father and Jesus Christ, Ferguson asserts: *"Now the heretics are gaining ground, dogmatics are losing their authority and believing is being supplanted by knowing."* (The Aquarian Conspiracy # p. 257) Building on this, Cumbey writes:

> «« Often clothed in seemingly Christian language, the ‘spiritual’ aspects of the New Age Movement have gained acceptance among the unsuspecting even within orthodox religious institutions, Christian as well as Jewish. The Movement’s political programs also have won widespread endorsement and advocacy among Christian churches and denominations. The New Age Movement is pushing for, among other things: the establishment of universal institutions for the distribution of the riches of the world and a redistribution of the world’s wealth, a new world religion, experiental religion [as opposed to religion based on scriptural authority and tradition], a universal tax, a universal draft, righ-brain thinking and whole – brain thinking [intuitive and subjective thinking at the same time, as opposed to what they call ‘left-brain’ or analytical thinking], a teaching that all things are part of one whole, an emphasis on universal interdependence, and zero population growth (which explains why they are in favor of abortion). »» (p. 160)

A striking example is the Graduate Theological Union of Berkeley (p. 164), which since its founding in 1962 has brought together Catholic, Protestant and Jewish participants in a kind of common apostasy. Their theological horizons have broadened to include all major religious directions around the world, including even witchcraft. By ‘creative borrowing’, as they call it, they have succeeded in diluting Christianity into something barely recognizable. If only this were a great exception! One need not be stupid to adhere to this garbage, for the system of thought shows great intelligence, an intelligence befitting Lucifer. Says Cumbey:

> «« The Bible consists of 66 books that do not contradict each other. The reason for this is that the Holy Spirit is consistent. Although they seem to come from diverse sources and are found in every cutlure upon earth, occult doctrines also have a remarkable consistency. »» (p. 192)

We face a formidable adversary. ‘Get to know your opponent’ is a prerequisite for standing and not falling, according to the Apostle Paul’s motto. Particularly valuable in this book is that Cumbey points out the important organizations working for the new religious and political world order. For example, she details the origins of the Lucis Trust, formerly the Lucifer Publishing Company, and points out their ties to the United Nations. She gives us a peek behind the scenes in easy-to-understand language and in precise fashion. I therefore highly recommend this book. It should be required reading in our theological schools.